

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081524\
 Data File : BN033412.D
 Acq On : 15 Aug 2024 23:29
 Operator : MA/JU
 Sample : PB162679BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS679

Quant Time: Aug 16 00:00:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 02:12:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	535969	20.000	ng/u1	0.00
20) Naphthalene-d8	10.334	136	2347048	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.210	164	1499301	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.963	188	3044773	20.000	ng/u1	0.00
79) Chrysene-d12	21.192	240	2079505	20.000	ng/u1	0.00
88) Perylene-d12	24.021	264	2044150	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	67400	5.131	ng/uL	0.00
4) Pyridine-d5	3.546	84	839762	21.066	ng/u1	0.00
7) Phenol-d5	6.758	99	1345093	27.362	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	6.916	67	791680	25.115	ng/u1	0.00
11) 2-Chlorophenol-d4	7.111	132	1061208	28.635	ng/u1	0.00
15) 4-Methylphenol-d8	8.281	113	1080606	26.582	ng/u1	0.00
21) Nitrobenzene-d5	8.716	128	552276	30.917	ng/u1	0.00
24) 2-Nitrophenol-d4	9.428	143	604812	38.452	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.963	165	1076663	30.746	ng/u1	0.00
31) 4-Chloroaniline-d4	10.475	131	1324975	22.696	ng/u1	0.00
46) Dimethylphthalate-d6	13.634	166	3089444	27.076	ng/u1	0.00
49) Acenaphthylene-d8	13.898	160	3659927	28.649	ng/u1	0.00
54) 4-Nitrophenol-d4	14.428	143	648828	29.428	ng/u1	0.02
60) Fluorene-d10	15.210	176	2689325	27.482	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.334	200	538799	37.573	ng/u1	0.00
73) Anthracene-d10	17.063	188	3873400	26.832	ng/u1	0.00
81) Pyrene-d10	19.363	212	4132521	35.988	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.827	264	3165781	29.785	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	116617	8.460	ng/uL	96
5) Pyridine	3.564	79	877789	21.420	ng/u1	95
6) Benzaldehyde	6.722	77	597791	23.402	ng/u1	99
8) Phenol	6.781	94	1391330	26.934	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.011	93	1067515	25.952	ng/u1	98
12) 2-Chlorophenol	7.140	128	1090642	28.209	ng/u1	99
13) 2-Methylphenol	8.016	108	1027101	26.281	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.099	45	1595061	23.887	ng/u1	96
16) Acetophenone	8.387	105	1637780	24.808	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.387	70	822885	24.392	ng/u1	97
18) 4-Methylphenol	8.346	108	1136605	25.982	ng/u1	99
19) Hexachloroethane	8.634	117	435509	26.957	ng/u1	97
22) Nitrobenzene	8.758	77	1253271	27.902	ng/u1	97
23) Isophorone	9.287	82	2390412	26.226	ng/u1	99
25) 2-Nitrophenol	9.457	139	644406	35.107	ng/u1	96
26) 2,4-Dimethylphenol	9.534	107	824021	18.966	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.769	93	1495303	26.490	ng/u1	99
29) 2,4-Dichlorophenol	9.993	162	1043923	28.824	ng/u1	100
30) Naphthalene	10.387	128	3533466	27.002	ng/u1	99
32) 4-Chloroaniline	10.499	127	1186098	20.774	ng/u1	98
33) Hexachlorobutadiene	10.681	225	654486	28.910	ng/u1	96
34) Caprolactam	11.287	113	386797m	26.742	ng/u1	
35) 4-Chloro-3-methylphenol	11.640	107	1192472	28.621	ng/u1	98
36) 2-Methylnaphthalene	12.004	142	2425807	26.339	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081524\
 Data File : BN033412.D
 Acq On : 15 Aug 2024 23:29
 Operator : MA/JU
 Sample : PB162679BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS679

Quant Time: Aug 16 00:00:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 02:12:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.228	142	2430540	26.110	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.381	216	1229701	28.645	ng/ul	93
40) Hexachlorocyclopentadiene	12.369	237	401433	16.875	ng/ul	98
41) 2,4,6-Trichlorophenol	12.628	196	758427	28.794	ng/ul	97
42) 2,4,5-Trichlorophenol	12.699	196	848873	28.617	ng/ul	99
43) 1,1'-Biphenyl	13.040	154	3179072	28.114	ng/ul	99
44) 2-Chloronaphthalene	13.075	162	2481121	28.305	ng/ul	98
45) 2-Nitroaniline	13.281	65	802377	31.860	ng/ul	97
47) Dimethylphthalate	13.687	163	3132776	27.351	ng/ul	99
48) 2,6-Dinitrotoluene	13.793	165	694476	33.361	ng/ul	96
50) Acenaphthylene	13.928	152	4081527	29.257	ng/ul	99
51) 3-Nitroaniline	14.116	138	736328	31.236	ng/ul	99
52) Acenaphthene	14.275	153	2660737	26.991	ng/ul	99
53) 2,4-Dinitrophenol	14.322	184	388777	37.806	ng/ul	96
55) 4-Nitrophenol	14.445	109	478527	27.713	ng/ul	91
56) Dibenzofuran	14.616	168	3724766	27.062	ng/ul	98
57) 2,4-Dinitrotoluene	14.581	165	982044	31.391	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.845	232	611914	25.384	ng/ul	98
59) Diethylphthalate	15.063	149	3259593	27.278	ng/ul	99
61) Fluorene	15.263	166	2984099	26.343	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.269	204	1457057	26.807	ng/ul	100
63) 4-Nitroaniline	15.293	138	774958	31.940	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.351	198	579168	35.737	ng/ul#	93
67) N-Nitrosodiphenylamine	15.481	169	2632493	28.750	ng/ul	98
68) 4-Bromophenyl-phenylether	16.163	248	932915	30.018	ng/ul	96
69) Hexachlorobenzene	16.269	284	1063348	29.884	ng/ul	93
70) Atrazine	16.445	200	54831	1.610	ng/ul	99
71) Pentachlorophenol	16.616	266	528036	23.589	ng/ul	99
72) Phenanthrene	17.004	178	4685993	27.524	ng/ul	98
74) Anthracene	17.092	178	4513057	26.020	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	12.999	216	1246096	30.355	ng/uL	96
76) Pentachlorobenzene	14.534	250	1201603	28.443	ng/uL	97
77) Carbazole	17.363	167	4234180	26.479	ng/ul	99
78) Di-n-butylphthalate	17.957	149	5843122	29.258	ng/ul	99
80) Fluoranthene	19.028	202	4992731	37.185	ng/ul	99
82) Pyrene	19.392	202	5016940	34.475	ng/ul	99
83) Butylbenzylphthalate	20.322	149	2310707	39.626	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.110	252	1353560	28.552	ng/ul	98
85) Benzo(a)anthracene	21.175	228	4283579	28.627	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.139	149	3586406	37.909	ng/ul	100
87) Chrysene	21.233	228	3924421	27.886	ng/ul	98
89) Di-n-octyl phthalate	22.227	149	5667411	43.047	ng/ul	100
90) Benzo(b)fluoranthene	23.139	252	3756004	29.556	ng/ul	98
91) Benzo(k)fluoranthene	23.192	252	3818539	30.266	ng/ul	98
93) Benzo(a)pyrene	23.892	252	3403349	28.259	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.180	276	4266865	28.548	ng/ul	97
95) Dibenzo(a,h)anthracene	27.233	278	3492461	28.534	ng/ul	98
96) Benzo(g,h,i)perylene	28.157	276	3388346	29.500	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081524\
 Data File : BN033412.D
 Acq On : 15 Aug 2024 23:29
 Operator : MA/JU
 Sample : PB162679BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS679

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024

Quant Time: Aug 16 00:00:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 02:12:11 2024
 Response via : Initial Calibration

