

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091324\
 Data File : BN033891.D
 Acq On : 13 Sep 2024 10:21
 Operator : JU/RC
 Sample : PB163351BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS351

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/16/2024

Quant Time: Sep 13 12:51:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 01:58:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.493	152	122723	20.000	ng/u1	0.00
20) Naphthalene-d8	10.252	136	499045	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.134	164	324189	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.892	188	705344	20.000	ng/u1	0.00
79) Chrysene-d12	21.133	240	734844	20.000	ng/u1	0.00
88) Perylene-d12	23.910	264	886073	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.111	96	22488	7.477	ng/uL	0.00
4) Pyridine-d5	3.493	84	263078	29.430	ng/u1	-0.01
7) Phenol-d5	6.687	99	327946	30.110	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.846	67	205347	30.387	ng/u1	0.00
11) 2-Chlorophenol-d4	7.034	132	269608	31.447	ng/u1	0.00
15) 4-Methylphenol-d8	8.205	113	260164	29.030	ng/u1	0.00
21) Nitrobenzene-d5	8.634	128	132217	33.240	ng/u1	0.00
24) 2-Nitrophenol-d4	9.346	143	136981	33.489	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.881	165	254386	33.024	ng/u1	0.00
31) 4-Chloroaniline-d4	10.393	131	321722	27.587	ng/u1	0.00
46) Dimethylphthalate-d6	13.563	166	783026	32.319	ng/u1	0.00
49) Acenaphthylene-d8	13.822	160	886400	32.522	ng/u1	0.00
54) 4-Nitrophenol-d4	14.363	143	159083	31.995	ng/u1	0.00
60) Fluorene-d10	15.140	176	675199	32.883	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.269	200	135651	32.255	ng/u1	0.00
73) Anthracene-d10	16.992	188	1082866	32.654	ng/u1	0.00
81) Pyrene-d10	19.298	212	1336794	32.650	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.722	264	1508647	33.146	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.140	88	39623	12.490	ng/uL	96
5) Pyridine	3.511	79	271235	29.652	ng/u1	96
6) Benzaldehyde	6.646	77	152359	26.500	ng/u1	97
8) Phenol	6.711	94	337741	29.783	ng/u1	98
10) Bis(2-Chloroethyl)ether	6.934	93	267594	30.362	ng/u1	99
12) 2-Chlorophenol	7.064	128	275956	31.408	ng/u1	99
13) 2-Methylphenol	7.940	108	248806	29.355	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.016	45	394409	30.344	ng/u1	100
16) Acetophenone	8.305	105	413158	29.102	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.299	70	209550	29.808	ng/u1	96
18) 4-Methylphenol	8.264	108	270653	28.693	ng/u1	94
19) Hexachloroethane	8.552	117	121676	32.834	ng/u1	97
22) Nitrobenzene	8.675	77	325642	32.709	ng/u1	100
23) Isophorone	9.205	82	577175	31.437	ng/u1	98
25) 2-Nitrophenol	9.381	139	152004	33.205	ng/u1	100
26) 2,4-Dimethylphenol	9.452	107	253193	26.884	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.687	93	351538	31.119	ng/u1	99
29) 2,4-Dichlorophenol	9.911	162	250933	32.172	ng/u1	99
30) Naphthalene	10.299	128	861888	31.574	ng/u1	100
32) 4-Chloroaniline	10.416	127	287017	24.975	ng/u1	100
33) Hexachlorobutadiene	10.593	225	164205	32.815	ng/u1	92
34) Caprolactam	11.193	113	85838m	27.641	ng/u1	
35) 4-Chloro-3-methylphenol	11.557	107	291707	31.768	ng/u1	99
36) 2-Methylnaphthalene	11.922	142	589407	31.347	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091324\
 Data File : BN033891.D
 Acq On : 13 Sep 2024 10:21
 Operator : JU/RC
 Sample : PB163351BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS351

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/16/2024

Quant Time: Sep 13 12:51:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 01:58:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.146	142	584459	30.708	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.305	216	306367	32.735	ng/ul	98
40) Hexachlorocyclopentadiene	12.287	237	170536	29.615	ng/ul	99
41) 2,4,6-Trichlorophenol	12.552	196	173453	27.956	ng/ul	95
42) 2,4,5-Trichlorophenol	12.622	196	200439	29.411	ng/ul	98
43) 1,1'-Biphenyl	12.963	154	773923	31.665	ng/ul	99
44) 2-Chloronaphthalene	12.999	162	598342	31.425	ng/ul	99
45) 2-Nitroaniline	13.210	65	203942	33.147	ng/ul	98
47) Dimethylphthalate	13.610	163	797355	32.291	ng/ul	99
48) 2,6-Dinitrotoluene	13.722	165	163793	33.687	ng/ul	99
50) Acenaphthylene	13.851	152	998095	33.466	ng/ul	99
51) 3-Nitroaniline	14.051	138	173711	32.329	ng/ul	97
52) Acenaphthene	14.199	153	670261	31.479	ng/ul	99
53) 2,4-Dinitrophenol	14.257	184	89150	31.173	ng/ul	96
55) 4-Nitrophenol	14.375	109	143328	33.943	ng/ul	93
56) Dibenzofuran	14.540	168	933515	32.060	ng/ul	97
57) 2,4-Dinitrotoluene	14.516	165	250783	34.213	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.775	232	149872	26.501	ng/ul	99
59) Diethylphthalate	14.993	149	862707	33.435	ng/ul	99
61) Fluorene	15.193	166	783788	32.906	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.198	204	379561	32.876	ng/ul	99
63) 4-Nitroaniline	15.222	138	193346	34.968	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.281	198	146631	31.398	ng/ul	95
67) N-Nitrosodiphenylamine	15.410	169	677257	32.043	ng/ul	99
68) 4-Bromophenyl-phenylether	16.093	248	235447	32.872	ng/ul	98
69) Hexachlorobenzene	16.198	284	280210	33.706	ng/ul	97
70) Atrazine	16.375	200	5614	0.733	ng/ul#	92
71) Pentachlorophenol	16.545	266	127803	23.082	ng/ul	98
72) Phenanthrene	16.934	178	1295467	33.309	ng/ul	99
74) Anthracene	17.022	178	1296025	32.634	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.922	216	304083	30.976	ng/uL	98
76) Pentachlorobenzene	14.457	250	303203	30.335	ng/uL	98
77) Carbazole	17.298	167	1224918	33.512	ng/ul	98
78) Di-n-butylphthalate	17.887	149	1588479	34.187	ng/ul	99
80) Fluoranthene	18.963	202	1544831	32.274	ng/ul	99
82) Pyrene	19.328	202	1652213	32.109	ng/ul	97
83) Butylbenzylphthalate	20.263	149	771247	33.422	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.051	252	506717	30.699	ng/ul	94
85) Benzo(a)anthracene	21.116	228	1731866	33.055	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.075	149	1147537	33.975	ng/ul	98
87) Chrysene	21.175	228	1652947	33.064	ng/ul	100
89) Di-n-octyl phthalate	22.133	149	2021628	34.289	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	1847993	34.207	ng/ul	99
91) Benzo(k)fluoranthene	23.098	252	1763469	33.089	ng/ul	99
93) Benzo(a)pyrene	23.780	252	1649116	32.314	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.992	276	2134489	33.756	ng/ul	97
95) Dibenzo(a,h)anthracene	27.051	278	1762542	34.484	ng/ul	97
96) Benzo(g,h,i)perylene	27.951	276	1682571	34.277	ng/ul	98

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

