

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
 Data File : BN031320.D
 Acq On : 30 Apr 2024 14:33
 Operator : MA/JU
 Sample : PB160399BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS399

Quant Time: Apr 30 23:26:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 30 23:00:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
 Supervised By :mohammad ahmed 05/02/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	251843	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	1174779	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	772859	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.016	188	1631570	20.000	ng/u1	0.00
79) Chrysene-d12	21.257	240	1226899	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	1120350	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	48964	9.052	ng/uL	0.00
4) Pyridine-d5	3.534	84	560701	36.197	ng/u1	0.00
7) Phenol-d5	6.793	99	834269	41.166	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	477901	40.276	ng/u1	0.00
11) 2-Chlorophenol-d4	7.152	132	655729	40.445	ng/u1	0.00
15) 4-Methylphenol-d8	8.328	113	663369	39.501	ng/u1	0.00
21) Nitrobenzene-d5	8.775	128	337042	39.809	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	377292	41.406	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	678495	40.098	ng/u1	0.00
31) 4-Chloroaniline-d4	10.540	131	1013151	41.316	ng/u1	0.00
46) Dimethylphthalate-d6	13.687	166	2009617	39.441	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	2308317	39.045	ng/u1	0.00
54) 4-Nitrophenol-d4	14.492	143	413118	44.677	ng/u1	0.01
60) Fluorene-d10	15.263	176	1692579	38.901	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.392	200	339850	40.505	ng/u1	0.00
73) Anthracene-d10	17.116	188	2438561	36.215	ng/u1	0.00
81) Pyrene-d10	19.422	212	2929297	39.203	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	2212276	42.652	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.164	88	70299	11.941	ng/uL	89
5) Pyridine	3.558	79	565807	36.360	ng/u1	97
6) Benzaldehyde	6.769	77	465150	45.715	ng/u1	97
8) Phenol	6.822	94	841820	40.871	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.052	93	635072	38.088	ng/u1	99
12) 2-Chlorophenol	7.181	128	661865	39.264	ng/u1	98
13) 2-Methylphenol	8.063	108	622620	38.922	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.134	45	842292	38.283	ng/u1	99
16) Acetophenone	8.440	105	967822	38.759	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.434	70	481632	36.738	ng/u1	98
18) 4-Methylphenol	8.393	108	695592	39.729	ng/u1	99
19) Hexachloroethane	8.681	117	256593	37.621	ng/u1	97
22) Nitrobenzene	8.816	77	747063	37.604	ng/u1	97
23) Isophorone	9.340	82	1446031	37.300	ng/u1	99
25) 2-Nitrophenol	9.516	139	396723	39.909	ng/u1	98
26) 2,4-Dimethylphenol	9.581	107	494227	26.449	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.822	93	900402	36.925	ng/u1	99
29) 2,4-Dichlorophenol	10.046	162	661857	39.620	ng/u1	100
30) Naphthalene	10.446	128	2129345	36.884	ng/u1	99
32) 4-Chloroaniline	10.563	127	832906	35.475	ng/u1	98
33) Hexachlorobutadiene	10.722	225	366652	37.129	ng/u1	97
34) Caprolactam	11.363	113	243755m	40.848	ng/u1	
35) 4-Chloro-3-methylphenol	11.698	107	757119	39.458	ng/u1	98
36) 2-Methylnaphthalene	12.063	142	1501126	37.503	ng/u1	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
 Data File : BN031320.D
 Acq On : 30 Apr 2024 14:33
 Operator : MA/JU
 Sample : PB160399BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS399

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
 Supervised By :mohammad ahmed 05/02/2024

Quant Time: Apr 30 23:26:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 30 23:00:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	1532228	37.843	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.434	216	757567	37.979	ng/ul	99
40) Hexachlorocyclopentadiene	12.410	237	279657	25.046	ng/ul	94
41) 2,4,6-Trichlorophenol	12.687	196	531853	38.783	ng/ul	98
42) 2,4,5-Trichlorophenol	12.757	196	583979	39.047	ng/ul	96
43) 1,1'-Biphenyl	13.092	154	1925409	36.679	ng/ul	96
44) 2-Chloronaphthalene	13.134	162	1512447	36.482	ng/ul	99
45) 2-Nitroaniline	13.351	65	484578	41.266	ng/ul	98
47) Dimethylphthalate	13.734	163	1976289	37.855	ng/ul	100
48) 2,6-Dinitrotoluene	13.857	165	417510	40.986	ng/ul	96
50) Acenaphthylene	13.987	152	2418541	35.949	ng/ul	99
51) 3-Nitroaniline	14.187	138	457058	41.661	ng/ul	98
52) Acenaphthene	14.328	153	1610239	36.080	ng/ul	97
53) 2,4-Dinitrophenol	14.392	184	228421	39.238	ng/ul	92
55) 4-Nitrophenol	14.504	109	318952	43.082	ng/ul	99
56) Dibenzofuran	14.669	168	2245978	37.060	ng/ul	97
57) 2,4-Dinitrotoluene	14.645	165	611651	40.941	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.892	232	475926	38.071	ng/ul	91
59) Diethylphthalate	15.104	149	1991038	37.840	ng/ul	99
61) Fluorene	15.322	166	1707300	35.336	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.316	204	825471	35.416	ng/ul	98
63) 4-Nitroaniline	15.357	138	445609	44.359	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.410	198	361659	40.212	ng/ul#	97
67) N-Nitrosodiphenylamine	15.534	169	1591615	36.715	ng/ul	96
68) 4-Bromophenyl-phenylether	16.210	248	563101	36.891	ng/ul	93
69) Hexachlorobenzene	16.316	284	646666	36.738	ng/ul	97
70) Atrazine	16.498	200	462066	32.814	ng/ul	97
71) Pentachlorophenol	16.663	266	421659	39.566	ng/ul	95
72) Phenanthrene	17.063	178	2925113	36.227	ng/ul	99
74) Anthracene	17.151	178	2763019	34.218	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	764982	37.016	ng/ul	98
76) Pentachlorobenzene	14.581	250	724107	35.728	ng/ul	98
77) Carbazole	17.428	167	2744152	38.909	ng/ul	99
78) Di-n-butylphthalate	17.992	149	3439955	37.638	ng/ul	100
80) Fluoranthene	19.086	202	3306813	36.917	ng/ul	100
82) Pyrene	19.451	202	3415255	37.375	ng/ul	100
83) Butylbenzylphthalate	20.363	149	1504977	39.422	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.169	252	817403	37.236	ng/ul	98
85) Benzo(a)anthracene	21.239	228	3090791	38.601	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.163	149	2020078	40.218	ng/ul	99
87) Chrysene	21.298	228	2921400	38.942	ng/ul	96
89) Di-n-octyl phthalate	22.263	149	3383334	40.758	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	2633210	38.784	ng/ul	97
91) Benzo(k)fluoranthene	23.298	252	2725276	40.815	ng/ul	98
93) Benzo(a)pyrene	24.010	252	2214419	36.466	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.386	276	2764968	40.185	ng/ul	99
95) Dibenzo(a,h)anthracene	27.445	278	2247259	39.317	ng/ul	99
96) Benzo(g,h,i)perylene	28.403	276	2150040	38.739	ng/ul	97

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

