

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081222\
 Data File : BM036231.D
 Acq On : 12 Aug 2022 15:40
 Operator : CG/JU
 Sample : PB146934BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS934

Quant Time: Aug 12 17:12:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 11:23:11 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2022
 Supervised By :Sohil Jodhani 08/13/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	210608	20.000	ng/u1	0.00
20) Naphthalene-d8	10.622	136	877041	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	516620	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	1022314	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	1002095	20.000	ng/u1	0.00
88) Perylene-d12	23.727	264	1046647	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	33440	5.975	ng/uL	0.00
4) Pyridine-d5	3.646	84	347066	22.635	ng/u1	0.00
7) Phenol-d5	7.010	99	581667	32.934	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.151	67	348718	29.618	ng/u1	0.00
11) 2-Chlorophenol-d4	7.351	132	479921	32.737	ng/u1	0.00
15) 4-Methylphenol-d8	8.551	113	440442	30.783	ng/u1	0.00
21) Nitrobenzene-d5	8.986	128	233118	33.543	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	246708	36.436	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	432344	35.305	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	484795	23.385	ng/u1	0.00
46) Dimethylphthalate-d6	13.880	166	1166376	33.144	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	1442230	32.121	ng/u1	0.00
54) 4-Nitrophenol-d4	14.698	143	227629	31.499	ng/u1	0.00
60) Fluorene-d10	15.451	176	1053403	33.126	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.580	200	196058	35.678	ng/u1	0.00
73) Anthracene-d10	17.304	188	1587631	34.350	ng/u1	0.00
81) Pyrene-d10	19.598	212	1782172	32.089	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.574	264	1833272	34.501	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.252	88	70630	12.177	ng/uL	96
5) Pyridine	3.663	79	453802	28.203	ng/u1	87
6) Benzaldehyde	6.963	77	313240	42.258	ng/u1	95
8) Phenol	7.034	94	596299	30.852	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.245	93	467131	30.063	ng/u1	96
12) 2-Chlorophenol	7.387	128	488632	32.492	ng/u1	98
13) 2-Methylphenol	8.281	108	443039	30.684	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.357	45	597338	29.124	ng/u1	96
16) Acetophenone	8.651	105	698597	30.411	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.633	70	343068	29.947	ng/u1	94
18) 4-Methylphenol	8.616	108	480116	30.996	ng/u1	95
19) Hexachloroethane	8.892	117	198755	32.032	ng/u1	93
22) Nitrobenzene	9.028	77	505037	31.756	ng/u1	99
23) Isophorone	9.557	82	937923	31.242	ng/u1	98
25) 2-Nitrophenol	9.739	139	265876	35.394	ng/u1	97
26) 2,4-Dimethylphenol	9.810	107	502131	32.713	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.039	93	602370	31.814	ng/u1	99
29) 2,4-Dichlorophenol	10.280	162	432298	34.011	ng/u1	99
30) Naphthalene	10.669	128	1509063	32.598	ng/u1	99
32) 4-Chloroaniline	10.792	127	555769	26.987	ng/u1	99
33) Hexachlorobutadiene	10.945	225	262077	33.400	ng/u1	99
34) Caprolactam	11.586	113	130217	30.999	ng/u1	90
35) 4-Chloro-3-methylphenol	11.933	107	443116	33.527	ng/u1	95
36) 2-Methylnaphthalene	12.286	142	977810	32.285	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.504	142	979949	32.099	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.651	216	476576	32.407	ng/ul	99
40) Hexachlorocyclopentadiene	12.621	237	251060	25.633	ng/ul	96
41) 2,4,6-Trichlorophenol	12.904	196	318597	33.854	ng/ul	98
42) 2,4,5-Trichlorophenol	12.980	196	337134	33.573	ng/ul	100
43) 1,1'-Biphenyl	13.298	154	1281570	32.229	ng/ul	100
44) 2-Chloronaphthalene	13.339	162	988928	32.406	ng/ul	98
45) 2-Nitroaniline	13.557	65	274695	32.650	ng/ul	97
47) Dimethylphthalate	13.927	163	1176296	33.231	ng/ul	100
48) 2,6-Dinitrotoluene	14.051	165	238210	33.896	ng/ul	95
50) Acenaphthylene	14.186	152	1635553	32.929	ng/ul	99
51) 3-Nitroaniline	14.386	138	273224	35.179	ng/ul	96
52) Acenaphthene	14.527	153	1052535	32.664	ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	126186	31.624	ng/ul	96
55) 4-Nitrophenol	14.710	109	166144	30.061	ng/ul	83
56) Dibenzofuran	14.863	168	1467411	32.913	ng/ul	99
57) 2,4-Dinitrotoluene	14.839	165	345106	34.837	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.092	232	264846	33.568	ng/ul#	95
59) Diethylphthalate	15.286	149	1193270	33.327	ng/ul	100
61) Fluorene	15.510	166	1187157	32.595	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.504	204	554541	31.778	ng/ul	98
63) 4-Nitroaniline	15.545	138	295797m	41.369	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.598	198	195489	35.551	ng/ul	97
67) N-Nitrosodiphenylamine	15.721	169	983901	32.737	ng/ul	99
68) 4-Bromophenyl-phenylether	16.398	248	324324	32.360	ng/ul	99
69) Hexachlorobenzene	16.504	284	399672	32.729	ng/ul	99
70) Atrazine	16.674	200	260890	25.027	ng/ul	98
71) Pentachlorophenol	16.857	266	217434	29.146	ng/ul	97
72) Phenanthrene	17.245	178	1825471	33.316	ng/ul	99
74) Anthracene	17.339	178	1850896	33.664	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	471753	29.674	ng/uL	97
76) Pentachlorobenzene	14.774	250	464229	32.213	ng/uL	99
77) Carbazole	17.615	167	1743850	34.341	ng/ul	99
78) Di-n-butylphthalate	18.174	149	1998490	34.881	ng/ul	100
80) Fluoranthene	19.262	202	2125134	32.026	ng/ul	97
82) Pyrene	19.627	202	2206804	32.266	ng/ul	96
83) Butylbenzylphthalate	20.527	149	896756	36.050	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.309	252	777934	42.069	ng/ul	99
85) Benzo(a)anthracene	21.374	228	2103776	33.354	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.303	149	1287287	35.815	ng/ul	100
87) Chrysene	21.427	228	2055554	33.401	ng/ul	100
89) Di-n-octyl phthalate	22.209	149	2183175	32.300	ng/ul	100
90) Benzo(b)fluoranthene	23.015	252	2266304m	32.445	ng/ul	
91) Benzo(k)fluoranthene	23.062	252	2113090	31.879	ng/ul	97
93) Benzo(a)pyrene	23.627	252	2216227	33.310	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.156	276	2637500	37.191	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.174	278	2269072	37.294	ng/ul	96
96) Benzo(g,h,i)perylene	26.903	276	2239304	38.104	ng/ul	95

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

