

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
 Data File : BM044436.D
 Acq On : 29 Feb 2024 13:00
 Operator : MA/JU
 Sample : PB159338BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS338

Quant Time: Feb 29 13:39:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 29 03:37:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	208794	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	919486	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.592	164	515368	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	1060104	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	878500	20.000	ng/u1	0.00
88) Perylene-d12	23.962	264	935912	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	43808	6.620	ng/uL	0.00
4) Pyridine-d5	3.787	84	623653	34.508	ng/u1	0.00
7) Phenol-d5	7.122	99	713453	35.670	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.298	67	452346	34.924	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	567760	37.689	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	545430	36.039	ng/u1	0.00
21) Nitrobenzene-d5	9.128	128	281202	37.613	ng/u1	0.00
24) 2-Nitrophenol-d4	9.851	143	301800	39.567	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	522000	38.796	ng/u1	0.01
31) 4-Chloroaniline-d4	10.910	131	729035	32.262	ng/u1	0.00
46) Dimethylphthalate-d6	14.021	166	1475478	37.121	ng/u1	0.00
49) Acenaphthylene-d8	14.292	160	1759570	38.476	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	293235	37.075	ng/u1	0.00
60) Fluorene-d10	15.586	176	1270419	37.763	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.715	200	240489	36.561	ng/u1	0.00
73) Anthracene-d10	17.445	188	1908661	37.760	ng/u1	0.00
81) Pyrene-d10	19.739	212	2131575	40.331	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.809	264	1927387	40.190	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.404	88	84397	12.099	ng/uL	96
5) Pyridine	3.804	79	587151	31.054	ng/u1	98
6) Benzaldehyde	7.098	77	316327	36.433	ng/u1	100
8) Phenol	7.145	94	698259	33.584	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.392	93	571977	32.867	ng/u1	100
12) 2-Chlorophenol	7.516	128	550532	35.324	ng/u1	96
13) 2-Methylphenol	8.404	108	517608	33.792	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.486	45	765596	32.176	ng/u1	100
16) Acetophenone	8.792	105	824375	34.094	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.781	70	423715	34.982	ng/u1	98
18) 4-Methylphenol	8.734	108	551905	33.824	ng/u1	99
19) Hexachloroethane	9.028	117	226754	34.296	ng/u1	95
22) Nitrobenzene	9.169	77	608472	33.653	ng/u1	99
23) Isophorone	9.698	82	1190708	33.980	ng/u1	99
25) 2-Nitrophenol	9.881	139	302704	35.782	ng/u1	96
26) 2,4-Dimethylphenol	9.939	107	483194	29.913	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.192	93	759435	33.338	ng/u1	100
29) 2,4-Dichlorophenol	10.410	162	477458	35.063	ng/u1	98
30) Naphthalene	10.816	128	1736974	33.216	ng/u1	99
32) 4-Chloroaniline	10.933	127	548423	24.905	ng/u1	99
33) Hexachlorobutadiene	11.086	225	274949	33.515	ng/u1	99
34) Caprolactam	11.722	113	159782	33.945	ng/u1	98
35) 4-Chloro-3-methylphenol	12.057	107	529459	36.495	ng/u1	97
36) 2-Methylnaphthalene	12.427	142	1127438	33.848	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.639	142	1114525	33.848	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.786	216	527214	34.557	ng/ul	98
40) Hexachlorocyclopentadiene	12.757	237	274651	26.757	ng/ul	100
41) 2,4,6-Trichlorophenol	13.033	196	349463	35.936	ng/ul	99
42) 2,4,5-Trichlorophenol	13.104	196	388431	36.949	ng/ul	99
43) 1,1'-Biphenyl	13.439	154	1415933	33.747	ng/ul	98
44) 2-Chloronaphthalene	13.474	162	1132483	34.472	ng/ul	99
45) 2-Nitroaniline	13.692	65	344836	37.912	ng/ul	97
47) Dimethylphthalate	14.069	163	1422590	35.019	ng/ul	100
48) 2,6-Dinitrotoluene	14.192	165	287618	37.859	ng/ul	96
50) Acenaphthylene	14.321	152	1893151	34.950	ng/ul	99
51) 3-Nitroaniline	14.516	138	307184	38.327	ng/ul	96
52) Acenaphthene	14.657	153	1223434	34.213	ng/ul	99
53) 2,4-Dinitrophenol	14.721	184	148173	31.431	ng/ul	96
55) 4-Nitrophenol	14.821	109	189842	34.939	ng/ul	96
56) Dibenzofuran	14.998	168	1652200	34.418	ng/ul	99
57) 2,4-Dinitrotoluene	14.974	165	423459	38.798	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.221	232	305739	36.138	ng/ul	97
59) Diethylphthalate	15.433	149	1493893	35.725	ng/ul	99
61) Fluorene	15.645	166	1331267	34.528	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.645	204	637545	35.086	ng/ul	100
63) 4-Nitroaniline	15.680	138	338902	43.719	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.733	198	242482	33.699	ng/ul	98
67) N-Nitrosodiphenylamine	15.863	169	1142187	35.554	ng/ul	100
68) 4-Bromophenyl-phenylether	16.539	248	384835	36.537	ng/ul	97
69) Hexachlorobenzene	16.639	284	431365	35.782	ng/ul	97
70) Atrazine	16.821	200	231218	21.971	ng/ul	98
71) Pentachlorophenol	16.986	266	258204	32.501	ng/ul	99
72) Phenanthrene	17.386	178	2117201	34.814	ng/ul	100
74) Anthracene	17.480	178	2131023	34.803	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.392	216	526174	35.458	ng/ul	99
76) Pentachlorobenzene	14.910	250	499736	35.276	ng/ul	98
77) Carbazole	17.756	167	2027423	35.214	ng/ul	99
78) Di-n-butylphthalate	18.333	149	2707601	37.143	ng/ul	100
80) Fluoranthene	19.403	202	2388623	37.683	ng/ul	99
82) Pyrene	19.768	202	2500390	37.614	ng/ul	99
83) Butylbenzylphthalate	20.686	149	1225216	41.035	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.462	252	704070	35.830	ng/ul	99
85) Benzo(a)anthracene	21.521	228	2362398	36.056	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.468	149	1879895	41.124	ng/ul	99
87) Chrysene	21.574	228	2222334	36.084	ng/ul	99
89) Di-n-octyl phthalate	22.415	149	3220520	40.162	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	2314549	38.576	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	2265976	36.771	ng/ul	100
93) Benzo(a)pyrene	23.856	252	2150854	37.181	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.503	276	2567708	36.705	ng/ul	99
95) Dibenzo(a,h)anthracene	26.532	278	2163262	37.005	ng/ul	99
96) Benzo(g,h,i)perylene	27.274	276	2067598	36.538	ng/ul	98

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

