

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022424\
 Data File : BM044304.D
 Acq On : 24 Feb 2024 20:31
 Operator : MA/JU
 Sample : PB159156BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS156

Quant Time: Feb 25 23:03:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Feb 25 22:57:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	213931	20.000	ng/u1	0.00
20) Naphthalene-d8	10.727	136	936048	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.563	164	551722	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.315	188	1147893	20.000	ng/u1	0.00
79) Chrysene-d12	21.521	240	1008487	20.000	ng/u1	0.00
88) Perylene-d12	23.927	264	1104644	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	42872	6.323	ng/uL	0.00
4) Pyridine-d5	3.769	84	601277	32.471	ng/u1	0.00
7) Phenol-d5	7.087	99	689952	33.666	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	434047	32.706	ng/u1	0.00
11) 2-Chlorophenol-d4	7.451	132	543558	35.216	ng/u1	0.01
15) 4-Methylphenol-d8	8.639	113	528944	34.111	ng/u1	0.01
21) Nitrobenzene-d5	9.092	128	264031	34.692	ng/u1	0.00
24) 2-Nitrophenol-d4	9.810	143	289890	37.333	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.345	165	500360	36.530	ng/u1	0.00
31) 4-Chloroaniline-d4	10.875	131	730166	31.740	ng/u1	0.01
46) Dimethylphthalate-d6	13.992	166	1513862	35.577	ng/u1	0.01
49) Acenaphthylene-d8	14.257	160	1761949	35.990	ng/u1	0.00
54) 4-Nitrophenol-d4	14.774	143	310486	36.669	ng/u1	0.01
60) Fluorene-d10	15.562	176	1278551	35.500	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.686	200	255238	35.836	ng/u1	0.00
73) Anthracene-d10	17.415	188	1926201	35.193	ng/u1	0.00
81) Pyrene-d10	19.715	212	2214514	36.500	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.774	264	2113061	37.331	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	90830	12.709	ng/uL	97
5) Pyridine	3.787	79	631484	32.597	ng/u1	97
6) Benzaldehyde	7.069	77	339938	38.213	ng/u1	99
8) Phenol	7.116	94	736028	34.551	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.357	93	602540	33.792	ng/u1	99
12) 2-Chlorophenol	7.481	128	573613	35.921	ng/u1	97
13) 2-Methylphenol	8.369	108	547949	34.914	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.451	45	796570	32.674	ng/u1	98
16) Acetophenone	8.757	105	874655	35.305	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.745	70	459242	37.005	ng/u1	99
18) 4-Methylphenol	8.698	108	592126	35.418	ng/u1	98
19) Hexachloroethane	8.992	117	232281	34.288	ng/u1	96
22) Nitrobenzene	9.133	77	640344	34.790	ng/u1	99
23) Isophorone	9.663	82	1301782	36.493	ng/u1	99
25) 2-Nitrophenol	9.845	139	319726	37.126	ng/u1	96
26) 2,4-Dimethylphenol	9.904	107	507722	30.876	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.151	93	820212	35.369	ng/u1	100
29) 2,4-Dichlorophenol	10.375	162	510734	36.843	ng/u1	99
30) Naphthalene	10.775	128	1837632	34.519	ng/u1	99
32) 4-Chloroaniline	10.898	127	619546	27.638	ng/u1	99
33) Hexachlorobutadiene	11.051	225	285592	34.196	ng/u1	97
34) Caprolactam	11.680	113	181461	37.868	ng/u1	98
35) 4-Chloro-3-methylphenol	12.022	107	580192	39.285	ng/u1	98
36) 2-Methylnaphthalene	12.392	142	1211059	35.715	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	1202544	35.875	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.751	216	563261	34.487	ng/ul	99
40) Hexachlorocyclopentadiene	12.721	237	324390	29.521	ng/ul	99
41) 2,4,6-Trichlorophenol	12.998	196	383286	36.817	ng/ul	98
42) 2,4,5-Trichlorophenol	13.069	196	417479	37.095	ng/ul	100
43) 1,1'-Biphenyl	13.404	154	1545845	34.416	ng/ul	99
44) 2-Chloronaphthalene	13.445	162	1230067	34.975	ng/ul	99
45) 2-Nitroaniline	13.657	65	379743	38.999	ng/ul	98
47) Dimethylphthalate	14.039	163	1577361	36.270	ng/ul	100
48) 2,6-Dinitrotoluene	14.163	165	319035	39.227	ng/ul	95
50) Acenaphthylene	14.286	152	2062395	35.566	ng/ul	99
51) 3-Nitroaniline	14.486	138	342918	39.967	ng/ul	98
52) Acenaphthene	14.627	153	1344637	35.125	ng/ul	100
53) 2,4-Dinitrophenol	14.692	184	181388	35.941	ng/ul	95
55) 4-Nitrophenol	14.786	109	212200	36.481	ng/ul	98
56) Dibenzofuran	14.968	168	1795314	34.935	ng/ul	100
57) 2,4-Dinitrotoluene	14.945	165	464393	39.745	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.192	232	329474	36.377	ng/ul	97
59) Diethylphthalate	15.404	149	1666305	37.223	ng/ul	99
61) Fluorene	15.615	166	1470929	35.637	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.615	204	701114	36.042	ng/ul	98
63) 4-Nitroaniline	15.651	138	376879	45.414	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.698	198	276969	35.548	ng/ul	96
67) N-Nitrosodiphenylamine	15.833	169	1263849	36.332	ng/ul	99
68) 4-Bromophenyl-phenylether	16.509	248	415735	36.452	ng/ul	99
69) Hexachlorobenzene	16.609	284	474671	36.363	ng/ul	99
70) Atrazine	16.792	200	281412	24.696	ng/ul	99
71) Pentachlorophenol	16.962	266	281207	32.689	ng/ul	98
72) Phenanthrene	17.362	178	2347883	35.655	ng/ul	99
74) Anthracene	17.451	178	2352035	35.475	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.363	216	569358	35.433	ng/ul	98
76) Pentachlorobenzene	14.880	250	538664	35.116	ng/ul	97
77) Carbazole	17.727	167	2254438	36.162	ng/ul	100
78) Di-n-butylphthalate	18.303	149	3088120	39.123	ng/ul	100
80) Fluoranthene	19.380	202	2679795	36.828	ng/ul	99
82) Pyrene	19.745	202	2780534	36.437	ng/ul	99
83) Butylbenzylphthalate	20.668	149	1407934	41.077	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.444	252	841889	37.322	ng/ul	99
85) Benzo(a)anthracene	21.503	228	2775012	36.895	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.450	149	2158184	41.127	ng/ul	100
87) Chrysene	21.556	228	2566052	36.294	ng/ul	100
89) Di-n-octyl phthalate	22.391	149	3760419	39.732	ng/ul	100
90) Benzo(b)fluoranthene	23.197	252	2740382	38.697	ng/ul	100
91) Benzo(k)fluoranthene	23.244	252	2723352	37.442	ng/ul	99
93) Benzo(a)pyrene	23.827	252	2564947	37.567	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.438	276	3064565	37.116	ng/ul	99
95) Dibenzo(a,h)anthracene	26.468	278	2597477	37.645	ng/ul	99
96) Benzo(g,h,i)perylene	27.209	276	2445373	36.613	ng/ul	98

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

