

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101121\
 Data File : BM032447.D
 Acq On : 12 Oct 2021 08:03
 Operator : CG/JU
 Sample : M4098-02MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YAT35MS

Quant Time: Oct 12 08:40:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 11 11:06:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	302882	20.000	ng/u1	0.00
20) Naphthalene-d8	10.401	136	1387685	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.260	164	914212	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.989	188	1840980	20.000	ng/u1	0.00
79) Chrysene-d12	21.153	240	1639686	20.000	ng/u1	0.00
88) Perylene-d12	23.300	264	1707792	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.954	96	31371	4.153	ng/uL	0.00
4) Pyridine-d5	3.384	84	181882	8.523	ng/u1	0.00
7) Phenol-d5	6.801	99	200618	7.789	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.937	67	490419	33.163	ng/u1	0.00
11) 2-Chlorophenol-d4	7.148	132	527477	26.823	ng/u1	0.00
15) 4-Methylphenol-d8	8.342	113	375008	18.027	ng/u1	0.00
21) Nitrobenzene-d5	8.766	128	354904	36.248	ng/u1	0.00
24) 2-Nitrophenol-d4	9.489	143	377067	35.728	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.036	165	646231	30.760	ng/u1	0.00
31) 4-Chloroaniline-d4	10.536	131	773599	24.964	ng/u1	0.00
46) Dimethylphthalate-d6	13.666	166	2373593	37.516	ng/u1	0.00
49) Acenaphthylene-d8	13.948	160	2745641	35.722	ng/u1	0.00
54) 4-Nitrophenol-d4	14.465	143	107005	8.612	ng/u1	-0.01
60) Fluorene-d10	15.248	176	1971867	36.749	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.371	200	419832	40.014	ng/u1	0.00
73) Anthracene-d10	17.089	188	3042390	37.965	ng/u1	0.00
81) Pyrene-d10	19.371	212	3332120	40.395	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.165	264	3158319	36.929	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.990	88	39444	4.797	ng/uL	97
5) Pyridine	3.407	79	198458	9.403	ng/u1	96
6) Benzaldehyde	6.737	77	573334	47.289	ng/u1	99
8) Phenol	6.831	94	224057	8.588	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.031	93	698702	34.033	ng/u1	100
12) 2-Chlorophenol	7.184	128	562238	27.676	ng/u1	99
13) 2-Methylphenol	8.078	108	435509	21.767	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.148	45	868006	34.141	ng/u1	99
16) Acetophenone	8.431	105	1098150	36.033	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.419	70	554229	36.833	ng/u1	97
18) 4-Methylphenol	8.407	108	413980	19.740	ng/u1	99
19) Hexachloroethane	8.695	117	262650	32.500	ng/u1	98
22) Nitrobenzene	8.807	77	809409	34.820	ng/u1	97
23) Isophorone	9.330	82	1619428	36.110	ng/u1	99
25) 2-Nitrophenol	9.519	139	409517	35.511	ng/u1	100
26) 2,4-Dimethylphenol	9.595	107	663167	26.896	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.813	93	1002990	33.723	ng/u1	100
29) 2,4-Dichlorophenol	10.060	162	652872	31.568	ng/u1	98
30) Naphthalene	10.448	128	2334275	32.821	ng/u1	100
32) 4-Chloroaniline	10.560	127	814112	26.167	ng/u1	100
33) Hexachlorobutadiene	10.760	225	434839	32.590	ng/u1	98
34) Caprolactam	11.313	113	40096	5.378	ng/u1	92
35) 4-Chloro-3-methylphenol	11.701	107	707923	31.108	ng/u1	98
36) 2-Methylnaphthalene	12.066	142	1643505	33.976	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.289	142	1655505	33.610	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.454	216	853416	33.854	ng/ul	98
40) Hexachlorocyclopentadiene	12.442	237	470703	32.044	ng/ul	99
41) 2,4,6-Trichlorophenol	12.689	196	609099	37.729	ng/ul	99
42) 2,4,5-Trichlorophenol	12.760	196	663006	37.425	ng/ul	99
43) 1,1'-Biphenyl	13.089	154	2228707	34.002	ng/ul	100
44) 2-Chloronaphthalene	13.130	162	1722441	34.479	ng/ul	99
45) 2-Nitroaniline	13.336	65	561699	42.103	ng/ul	90
47) Dimethylphthalate	13.713	163	2393450	37.772	ng/ul	99
48) 2,6-Dinitrotoluene	13.830	165	516025	43.699	ng/ul	93
50) Acenaphthylene	13.977	152	2917614	35.876	ng/ul	99
51) 3-Nitroaniline	14.160	138	514456	41.680	ng/ul	99
52) Acenaphthene	14.324	153	1896470	35.315	ng/ul	99
53) 2,4-Dinitrophenol	14.365	184	304616	40.107	ng/ul	97
55) 4-Nitrophenol	14.483	109	91971	9.172	ng/ul	96
56) Dibenzofuran	14.660	168	2759495	35.459	ng/ul	100
57) 2,4-Dinitrotoluene	14.618	165	732788	41.984	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.895	232	572766	39.811	ng/ul	98
59) Diethylphthalate	15.083	149	2432788	38.485	ng/ul	99
61) Fluorene	15.307	166	2105785	35.216	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.295	204	1064489	35.244	ng/ul	98
63) 4-Nitroaniline	15.324	138	539812	47.308	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.389	198	418514	40.585	ng/ul#	94
67) N-Nitrosodiphenylamine	15.512	169	1780458	34.664	ng/ul	100
68) 4-Bromophenyl-phenylether	16.183	248	690578	38.921	ng/ul	99
69) Hexachlorobenzene	16.318	284	781380	38.233	ng/ul	98
70) Atrazine	16.459	200	744908	38.372	ng/ul	99
71) Pentachlorophenol	16.654	266	491306	39.879	ng/ul	100
72) Phenanthrene	17.030	178	3571347	37.585	ng/ul	99
74) Anthracene	17.118	178	3616848	37.892	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.060	216	879554	34.029	ng/ul	100
76) Pentachlorobenzene	14.595	250	910976	35.487	ng/ul	99
77) Carbazole	17.383	167	3335060	39.176	ng/ul	100
78) Di-n-butylphthalate	17.942	149	4141097	42.106	ng/ul	100
80) Fluoranthene	19.042	202	4102382	40.308	ng/ul	99
82) Pyrene	19.406	202	4111591	39.324	ng/ul	99
83) Butylbenzylphthalate	20.289	149	1853424	46.715	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.071	252	777190	26.140	ng/ul	99
85) Benzo(a)anthracene	21.141	228	3808981	38.522	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.059	149	2591437	46.985	ng/ul	99
87) Chrysene	21.194	228	3676511	37.762	ng/ul	99
89) Di-n-octyl phthalate	21.906	149	4592413	47.216	ng/ul	100
90) Benzo(b)fluoranthene	22.665	252	4005072	38.546	ng/ul	99
91) Benzo(k)fluoranthene	22.706	252	3767735	39.981	ng/ul	99
93) Benzo(a)pyrene	23.212	252	3823659	38.898	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.429	276	3843230	35.370	ng/ul	99
95) Dibenzo(a,h)anthracene	25.429	278	3332512	35.743	ng/ul	99
96) Benzo(g,h,i)perylene	26.082	276	3278928	34.484	ng/ul	100

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

