

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092421\
 Data File : BM032138.D
 Acq On : 24 Sep 2021 19:35
 Operator : CG/JU
 Sample : SST02034
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST020041

Quant Time: Sep 25 00:20:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 25 00:18:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	409358	20.000	ng/u1	0.00
20) Naphthalene-d8	10.466	136	1710546	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.319	164	1071545	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.042	188	2125394	20.000	ng/u1	0.00
79) Chrysene-d12	21.201	240	1814828	20.000	ng/u1	0.00
88) Perylene-d12	23.371	264	1581983	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.990	96	79989	8.050	ng/uL	0.00
4) Pyridine-d5	3.413	84	567880	18.028	ng/u1	0.00
7) Phenol-d5	6.848	99	664859	17.772	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.990	67	407887	18.114	ng/u1	0.00
11) 2-Chlorophenol-d4	7.207	132	518124	19.390	ng/u1	0.00
15) 4-Methylphenol-d8	8.395	113	516351	17.075	ng/u1	0.00
21) Nitrobenzene-d5	8.825	128	212081	21.767	ng/u1	0.00
24) 2-Nitrophenol-d4	9.548	143	222357	24.066	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.089	165	519192	20.794	ng/u1	0.00
31) 4-Chloroaniline-d4	10.595	131	707276	19.147	ng/u1	0.00
46) Dimethylphthalate-d6	13.719	166	1486314	19.857	ng/u1	0.00
49) Acenaphthylene-d8	14.007	160	1899635	20.142	ng/u1	0.00
54) 4-Nitrophenol-d4	14.513	143	229116	18.980	ng/u1	0.00
60) Fluorene-d10	15.301	176	1269815	20.431	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.419	200	181549	23.367	ng/u1	0.00
73) Anthracene-d10	17.136	188	1905871	20.861	ng/u1	0.00
81) Pyrene-d10	19.424	212	2015063	22.869	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.236	264	1583118	20.379	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.025	88	87786	7.807	ng/uL	100
5) Pyridine	3.437	79	562490	18.183	ng/u1	100
6) Benzaldehyde	6.790	77	433078	19.642	ng/u1	100
8) Phenol	6.878	94	678327	17.806	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.084	93	546826	18.414	ng/u1	100
12) 2-Chlorophenol	7.237	128	545544	19.631	ng/u1	100
13) 2-Methylphenol	8.125	108	510674	17.497	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.201	45	760327	19.724	ng/u1	100
16) Acetophenone	8.484	105	840801	17.960	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.478	70	412534	15.821	ng/u1	100
18) 4-Methylphenol	8.454	108	554806	17.709	ng/u1	100
19) Hexachloroethane	8.760	117	219379	19.093	ng/u1	100
22) Nitrobenzene	8.866	77	555773	20.136	ng/u1	100
23) Isophorone	9.384	82	1167389	17.174	ng/u1	100
25) 2-Nitrophenol	9.578	139	259852	24.335	ng/u1	100
26) 2,4-Dimethylphenol	9.654	107	620980	19.090	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.872	93	737791	18.997	ng/u1	100
29) 2,4-Dichlorophenol	10.119	162	509212	20.830	ng/u1	100
30) Naphthalene	10.513	128	1766764	20.971	ng/u1	100
32) 4-Chloroaniline	10.619	127	738230	19.528	ng/u1	100
33) Hexachlorobutadiene	10.825	225	344992	21.573	ng/u1	100
34) Caprolactam	11.342	113	150475	14.408	ng/u1	100
35) 4-Chloro-3-methylphenol	11.754	107	553320	18.151	ng/u1	100
36) 2-Methylnaphthalene	12.125	142	1194219	20.146	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.348	142	1211703	20.082	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.507	216	644748	22.498	ng/ul	100
40) Hexachlorocyclopentadiene	12.501	237	332528	19.525	ng/ul	100
41) 2,4,6-Trichlorophenol	12.748	196	401180	21.610	ng/ul	100
42) 2,4,5-Trichlorophenol	12.819	196	426847	21.861	ng/ul	100
43) 1,1'-Biphenyl	13.142	154	1610479	21.535	ng/ul	100
44) 2-Chloronaphthalene	13.183	162	1208928	21.307	ng/ul	100
45) 2-Nitroaniline	13.383	65	273767	21.445	ng/ul	100
47) Dimethylphthalate	13.766	163	1487167	19.938	ng/ul	100
48) 2,6-Dinitrotoluene	13.877	165	246236	23.310	ng/ul	100
50) Acenaphthylene	14.036	152	2012828	20.872	ng/ul	100
51) 3-Nitroaniline	14.207	138	260762	21.178	ng/ul	100
52) Acenaphthene	14.377	153	1284487	20.445	ng/ul	100
53) 2,4-Dinitrophenol	14.407	184	105377	19.244	ng/ul	100
55) 4-Nitrophenol	14.524	109	195261	16.892	ng/ul	100
56) Dibenzofuran	14.713	168	1850794	20.923	ng/ul	100
57) 2,4-Dinitrotoluene	14.666	165	351526	22.850	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.942	232	352818	21.434	ng/ul	100
59) Diethylphthalate	15.130	149	1460578	18.797	ng/ul	100
61) Fluorene	15.360	166	1467018	20.569	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.348	204	735451	21.051	ng/ul	100
63) 4-Nitroaniline	15.366	138	238029	18.660	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.430	198	184366	22.964	ng/ul	100
67) N-Nitrosodiphenylamine	15.560	169	1257772	21.385	ng/ul	100
68) 4-Bromophenyl-phenylether	16.236	248	426344	21.257	ng/ul	100
69) Hexachlorobenzene	16.371	284	514140	22.866	ng/ul	100
70) Atrazine	16.501	200	440779	19.403	ng/ul	100
71) Pentachlorophenol	16.707	266	284645	22.071	ng/ul	100
72) Phenanthrene	17.083	178	2269488	21.168	ng/ul	100
74) Anthracene	17.171	178	2311214	21.120	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.119	216	673249	24.143	ng/ul	100
76) Pentachlorobenzene	14.648	250	661248	24.026	ng/ul	100
77) Carbazole	17.436	167	2022728	20.394	ng/ul	100
78) Di-n-butylphthalate	17.995	149	2307770	18.592	ng/ul	100
80) Fluoranthene	19.089	202	2516606	22.580	ng/ul	100
82) Pyrene	19.454	202	2586478	22.966	ng/ul	100
83) Butylbenzylphthalate	20.336	149	743805	16.839	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.118	252	627226	16.380	ng/ul	100
85) Benzo(a)anthracene	21.189	228	2191245	19.967	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.112	149	1130992	16.867	ng/ul	100
87) Chrysene	21.236	228	2181369	20.553	ng/ul	100
89) Di-n-octyl phthalate	21.959	149	1632405	18.325	ng/ul	100
90) Benzo(b)fluoranthene	22.724	252	1998176	21.459	ng/ul	100
91) Benzo(k)fluoranthene	22.765	252	1919118	22.457	ng/ul	100
93) Benzo(a)pyrene	23.277	252	1883181	20.903	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.524	276	1882363	18.113	ng/ul	100
95) Dibenzo(a,h)anthracene	25.530	278	1559347	17.694	ng/ul	100
96) Benzo(g,h,i)perylene	26.183	276	1640526	18.387	ng/ul	100

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

