

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092121\
 Data File : BM032122.D
 Acq On : 21 Sep 2021 20:06
 Operator : CG/JU
 Sample : SST04028
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST040028

Quant Time: Sep 22 01:53:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092121.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 22 01:45:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	147958	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	705477	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.321	164	485054	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.045	188	1063598	20.000	ng/u1	0.00
79) Chrysene-d12	21.203	240	1100867	20.000	ng/u1	0.00
88) Perylene-d12	23.374	264	1237666	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.981	96	54704	17.059	ng/uL	0.00
4) Pyridine-d5	3.410	84	469022	51.506	ng/u1	0.00
7) Phenol-d5	6.851	99	562969	45.884	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.992	67	337997	47.613	ng/u1	0.00
11) 2-Chlorophenol-d4	7.210	132	399539	42.318	ng/u1	0.00
15) 4-Methylphenol-d8	8.398	113	454658	43.192	ng/u1	0.00
21) Nitrobenzene-d5	8.828	128	170633	33.300	ng/u1	0.00
24) 2-Nitrophenol-d4	9.551	143	159303	26.270	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.092	165	428755	35.240	ng/u1	0.00
31) 4-Chloroaniline-d4	10.598	131	632629	36.861	ng/u1	0.00
46) Dimethylphthalate-d6	13.721	166	1390575	37.887	ng/u1	0.00
49) Acenaphthylene-d8	14.010	160	1733001	39.870	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	229083	34.483	ng/u1	0.00
60) Fluorene-d10	15.310	176	1144736	35.481	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.421	200	154133	21.090	ng/u1	0.00
73) Anthracene-d10	17.145	188	1823947	36.130	ng/u1	0.00
81) Pyrene-d10	19.427	212	2108659	40.894	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.244	264	2475651	38.059	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.022	88	60981	15.773	ng/uL	94
5) Pyridine	3.428	79	458682	48.995	ng/u1	86
6) Benzaldehyde	6.793	77	375245	67.559	ng/u1	92
8) Phenol	6.881	94	569529	46.130	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.087	93	444488	47.269	ng/u1	95
12) 2-Chlorophenol	7.240	128	410563	43.547	ng/u1	98
13) 2-Methylphenol	8.128	108	439348	46.153	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.210	45	577995	47.298	ng/u1#	94
16) Acetophenone	8.487	105	702464	42.608	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.481	70	388037	48.244	ng/u1#	86
18) 4-Methylphenol	8.457	108	478428	45.259	ng/u1	95
19) Hexachloroethane	8.763	117	167855	41.562	ng/u1	93
22) Nitrobenzene	8.869	77	484138	37.425	ng/u1	97
23) Isophorone	9.386	82	1143132	48.012	ng/u1	98
25) 2-Nitrophenol	9.581	139	195025	30.872	ng/u1	96
26) 2,4-Dimethylphenol	9.657	107	555327	43.186	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.875	93	652315	46.219	ng/u1	99
29) 2,4-Dichlorophenol	10.122	162	415129	35.871	ng/u1	97
30) Naphthalene	10.516	128	1402167	39.702	ng/u1	99
32) 4-Chloroaniline	10.622	127	647629	37.828	ng/u1	100
33) Hexachlorobutadiene	10.828	225	263295	34.295	ng/u1	99
34) Caprolactam	11.345	113	179788	46.607	ng/u1	92
35) 4-Chloro-3-methylphenol	11.763	107	525858	43.330	ng/u1	92
36) 2-Methylnaphthalene	12.133	142	992074	35.627	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.351	142	1009843	35.605	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.516	216	519974	37.345	ng/ul	98
40) Hexachlorocyclopentadiene	12.510	237	312166	41.653	ng/ul	99
41) 2,4,6-Trichlorophenol	12.751	196	345886	37.081	ng/ul	98
42) 2,4,5-Trichlorophenol	12.822	196	375161	37.036	ng/ul	98
43) 1,1'-Biphenyl	13.151	154	1347251	39.487	ng/ul	98
44) 2-Chloronaphthalene	13.192	162	1020235	37.744	ng/ul	96
45) 2-Nitroaniline	13.386	65	261765	35.150	ng/ul	95
47) Dimethylphthalate	13.769	163	1369789	38.009	ng/ul	100
48) 2,6-Dinitrotoluene	13.880	165	218832	30.779	ng/ul	93
50) Acenaphthylene	14.039	152	1748040	43.706	ng/ul	99
51) 3-Nitroaniline	14.210	138	245992	36.972	ng/ul#	90
52) Acenaphthene	14.386	153	1142643	39.337	ng/ul	99
53) 2,4-Dinitrophenol	14.416	184	93274	18.763	ng/ul#	90
55) 4-Nitrophenol	14.533	109	217555	35.472	ng/ul	92
56) Dibenzofuran	14.716	168	1608630	37.551	ng/ul	96
57) 2,4-Dinitrotoluene	14.668	165	331217	31.061	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	14.951	232	313454	34.470	ng/ul#	95
59) Diethylphthalate	15.133	149	1437429	39.025	ng/ul	99
61) Fluorene	15.363	166	1280833	35.336	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.357	204	629300	33.899	ng/ul	94
63) 4-Nitroaniline	15.374	138	259296	43.506	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.433	198	164338	23.126	ng/ul	94
67) N-Nitrosodiphenylamine	15.568	169	1163795	38.102	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	398236	36.538	ng/ul	96
69) Hexachlorobenzene	16.380	284	449863	35.549	ng/ul	98
70) Atrazine	16.504	200	471164	40.941	ng/ul	96
71) Pentachlorophenol	16.710	266	265523	32.086	ng/ul	98
72) Phenanthrene	17.086	178	2151527	37.037	ng/ul	99
74) Anthracene	17.174	178	2162621	36.376	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	556615	40.216	ng/ul	98
76) Pentachlorobenzene	14.651	250	547766	37.725	ng/ul	99
77) Carbazole	17.439	167	2076272	38.159	ng/ul	97
78) Di-n-butylphthalate	17.998	149	2533227	40.629	ng/ul	99
80) Fluoranthene	19.092	202	2640909	42.149	ng/ul	97
82) Pyrene	19.456	202	2642809	39.839	ng/ul	97
83) Butylbenzylphthalate	20.345	149	1127185	43.274	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.121	252	981678	39.610	ng/ul	97
85) Benzo(a)anthracene	21.192	228	2683286	39.185	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.115	149	1664267	39.618	ng/ul	98
87) Chrysene	21.245	228	2571457	39.041	ng/ul	98
89) Di-n-octyl phthalate	21.962	149	3026901	35.848	ng/ul	100
90) Benzo(b)fluoranthene	22.733	252	2901534	36.796	ng/ul	99
91) Benzo(k)fluoranthene	22.774	252	2739651	35.888	ng/ul	100
93) Benzo(a)pyrene	23.286	252	2851440	40.044	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.544	276	3356352	36.828	ng/ul	97
95) Dibenzo(a,h)anthracene	25.544	278	2859104	37.302	ng/ul	99
96) Benzo(g,h,i)perylene	26.209	276	2913551	38.607	ng/ul	98

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

