

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100521\
 Data File : BM032329.D
 Acq On : 05 Oct 2021 12:51
 Operator : CG/JU
 Sample : SST02048
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST020048

Quant Time: Oct 05 13:36:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 05 13:36:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.625	152	272807	20.00	ng/ul	0.00
20) Naphthalene-d8	10.413	136	1175900	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.271	164	771306	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.001	188	1615627	20.00	ng/ul	0.00
79) Chrysene-d12	21.165	240	1592428	20.00	ng/ul	0.00
88) Perylene-d12	23.312	264	1671815	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.960	96	52673	8.15	ng/uL	0.00
4) Pyridine-d5	3.390	84	363799	19.83	ng/ul	0.00
7) Phenol-d5	6.813	99	427512	19.74	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.948	67	252815	19.42	ng/ul	0.00
11) 2-Chlorophenol-d4	7.160	132	342488	20.37	ng/ul	0.00
15) 4-Methylphenol-d8	8.354	113	343652	20.29	ng/ul	0.00
21) Nitrobenzene-d5	8.778	128	159958	22.77	ng/ul	0.00
24) 2-Nitrophenol-d4	9.501	143	170412	22.95	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.048	165	346744	20.42	ng/ul	0.00
31) 4-Chloroaniline-d4	10.548	131	492822	21.48	ng/ul	0.00
46) Dimethylphthalate-d6	13.677	166	1056271	21.08	ng/ul	0.00
49) Acenaphthylene-d8	13.960	160	1305266	20.50	ng/ul	0.00
54) 4-Nitrophenol-d4	14.477	143	193724	23.76	ng/ul	0.00
60) Fluorene-d10	15.260	176	903518	21.13	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.377	200	158770	20.79	ng/ul	0.00
73) Anthracene-d10	17.095	188	1406082	20.86	ng/ul	0.00
81) Pyrene-d10	19.383	212	1582690	18.89	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.171	264	1653081	21.07	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.996	88	55098	7.76	ng/uL	100
5) Pyridine	3.407	79	357921	19.68	ng/ul	100
6) Benzaldehyde	6.748	77	264935	21.72	ng/ul	100
8) Phenol	6.837	94	439637	20.03	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.042	93	354467	20.27	ng/ul	100
12) 2-Chlorophenol	7.195	128	353353	20.15	ng/ul	100
13) 2-Methylphenol	8.084	108	336928	20.28	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.160	45	441365	18.33	ng/ul	100
16) Acetophenone	8.442	105	549579	21.41	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.431	70	268906	20.54	ng/ul	100
18) 4-Methylphenol	8.413	108	365362	20.92	ng/ul	100
19) Hexachloroethane	8.713	117	139857	19.43	ng/ul	100
22) Nitrobenzene	8.819	77	383309	21.16	ng/ul	100
23) Isophorone	9.336	82	756392	20.06	ng/ul	100
25) 2-Nitrophenol	9.531	139	189538	22.34	ng/ul	100
26) 2,4-Dimethylphenol	9.607	107	408606	20.22	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.825	93	497897	20.65	ng/ul	100
29) 2,4-Dichlorophenol	10.072	162	342784	20.52	ng/ul	100
30) Naphthalene	10.466	128	1180405	20.45	ng/ul	100
32) 4-Chloroaniline	10.572	127	498658	21.30	ng/ul	100
33) Hexachlorobutadiene	10.772	225	218807	19.06	ng/ul	100
34) Caprolactam	11.301	113	111050	21.80	ng/ul	100
35) 4-Chloro-3-methylphenol	11.713	107	380947	21.18	ng/ul	100
36) 2-Methylnaphthalene	12.077	142	809033	20.88	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.301	142	825660	20.93	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.460	216	427479	19.42	ng/ul	100
40) Hexachlorocyclopentadiene	12.454	237	237915	20.16	ng/ul	100
41) 2,4,6-Trichlorophenol	12.701	196	268178	19.47	ng/ul	100
42) 2,4,5-Trichlorophenol	12.771	196	286200	19.58	ng/ul	100
43) 1,1'-Biphenyl	13.101	154	1108339	20.29	ng/ul	100
44) 2-Chloronaphthalene	13.142	162	838264	20.34	ng/ul	100
45) 2-Nitroaniline	13.342	65	223062	23.95	ng/ul	100
47) Dimethylphthalate	13.724	163	1063127	21.26	ng/ul	100
48) 2,6-Dinitrotoluene	13.836	165	195872	23.60	ng/ul	100
50) Acenaphthylene	13.989	152	1386761	20.74	ng/ul	100
51) 3-Nitroaniline	14.166	138	220254	24.26	ng/ul	100
52) Acenaphthene	14.336	153	903364	20.77	ng/ul	100
53) 2,4-Dinitrophenol	14.371	184	98533	21.71	ng/ul	100
55) 4-Nitrophenol	14.489	109	158895	23.90	ng/ul	100
56) Dibenzofuran	14.671	168	1305019	20.90	ng/ul	100
57) 2,4-Dinitrotoluene	14.624	165	296836	25.63	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.901	232	241740	20.27	ng/ul	100
59) Diethylphthalate	15.089	149	1068874	21.87	ng/ul	100
61) Fluorene	15.313	166	1031964	21.30	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.307	204	515107	21.03	ng/ul	100
63) 4-Nitroaniline	15.330	138	219040	27.52	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.389	198	158642	21.05	ng/ul	100
67) N-Nitrosodiphenylamine	15.518	169	902425	20.04	ng/ul	100
68) 4-Bromophenyl-phenylether	16.195	248	305478	19.80	ng/ul	100
69) Hexachlorobenzene	16.330	284	354097	18.88	ng/ul	100
70) Atrazine	16.459	200	335347	21.07	ng/ul	100
71) Pentachlorophenol	16.665	266	192807	17.90	ng/ul	100
72) Phenanthrene	17.042	178	1675855	20.78	ng/ul	100
74) Anthracene	17.130	178	1702440	21.06	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.071	216	446208	17.92	ng/uL	100
76) Pentachlorobenzene	14.601	250	445832	18.49	ng/uL	100
77) Carbazole	17.395	167	1543858	22.58	ng/ul	100
78) Di-n-butylphthalate	17.953	149	1752316	22.30	ng/ul	100
80) Fluoranthene	19.048	202	1968458	18.93	ng/ul	100
82) Pyrene	19.412	202	2034150	19.08	ng/ul	100
83) Butylbenzylphthalate	20.300	149	757398	24.70	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.083	252	669797	25.36	ng/ul	100
85) Benzo(a)anthracene	21.147	228	1907861	21.26	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.071	149	1092378	24.07	ng/ul	100
87) Chrysene	21.200	228	1891532	20.92	ng/ul	100
89) Di-n-octyl phthalate	21.912	149	1926717	22.68	ng/ul	100
90) Benzo(b)fluoranthene	22.671	252	1962375	19.87	ng/ul	100
91) Benzo(k)fluoranthene	22.712	252	1906609	20.38	ng/ul	100
93) Benzo(a)pyrene	23.218	252	1923993	20.64	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.435	276	2110486	22.21	ng/ul	100
95) Dibenzo(a,h)anthracene	25.435	278	1848783	23.46	ng/ul	100
96) Benzo(g,h,i)perylene	26.088	276	1818847	21.59	ng/ul	100

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

