

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100521\
 Data File : BM032327.D
 Acq On : 05 Oct 2021 11:39
 Operator : CG/JU
 Sample : SSTD00546
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 05 13:40:48 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	7.619	152	266357	20.000	ng/ul	0.00
20) Naphthalene-d8	10.413	136	1111529	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.271	164	737248	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.995	188	1557260	20.000	ng/ul	0.00
79) Chrysene-d12	21.159	240	1571481	20.000	ng/ul	0.00
88) Perylene-d12	23.312	264	1627420	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.960	96	13456	2.133	ng/uL	0.00
4) Pyridine-d5	3.390	84	87076	4.862	ng/ul	0.00
7) Phenol-d5	6.807	99	95206	4.503	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.942	67	60248	4.739	ng/ul	0.00
11) 2-Chlorophenol-d4	7.160	132	76230	4.644	ng/ul	0.00
15) 4-Methylphenol-d8	8.342	113	72172	4.365	ng/ul	-0.01
21) Nitrobenzene-d5	8.772	128	32202	4.850	ng/ul	0.00
24) 2-Nitrophenol-d4	9.495	143	31703	4.516	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.042	165	73187	4.561	ng/ul	0.00
31) 4-Chloroaniline-d4	10.542	131	102026	4.704	ng/ul	0.00
46) Dimethylphthalate-d6	13.671	166	236232	4.932	ng/ul	0.00
49) Acenaphthylene-d8	13.960	160	269014	4.420	ng/ul	0.00
54) 4-Nitrophenol-d4	14.471	143	30709	3.941	ng/ul	0.00
60) Fluorene-d10	15.259	176	206021	5.041	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.371	200	23987	3.259	ng/ul	0.00
73) Anthracene-d10	17.095	188	320888	4.938	ng/ul	0.00
81) Pyrene-d10	19.377	212	367047	4.439	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.171	264	381461	4.995	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.996	88	14779	2.132	ng/uL	99
5) Pyridine	3.407	79	86768	4.887	ng/ul	98
6) Benzaldehyde	6.748	77	60610	5.088	ng/ul	98
8) Phenol	6.831	94	99514	4.643	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.036	93	82176	4.812	ng/ul	98
12) 2-Chlorophenol	7.189	128	80786	4.718	ng/ul	98
13) 2-Methylphenol	8.078	108	71965	4.436	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.154	45	103704	4.412	ng/ul	97
16) Acetophenone	8.436	105	121629	4.854	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.425	70	56506	4.421	ng/ul	99
18) 4-Methylphenol	8.407	108	79635	4.671	ng/ul	99
19) Hexachloroethane	8.707	117	31290	4.452	ng/ul	97
22) Nitrobenzene	8.813	77	80394	4.695	ng/ul	95
23) Isophorone	9.336	82	149155	4.184	ng/ul	98
25) 2-Nitrophenol	9.530	139	35875	4.473	ng/ul	98
26) 2,4-Dimethylphenol	9.601	107	86458	4.527	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.819	93	109714	4.815	ng/ul	99
29) 2,4-Dichlorophenol	10.066	162	74209	4.701	ng/ul	97
30) Naphthalene	10.460	128	273999	5.022	ng/ul	100
32) 4-Chloroaniline	10.566	127	105991	4.790	ng/ul	97
33) Hexachlorobutadiene	10.766	225	51092	4.708	ng/ul	99
34) Caprolactam	11.277	113	19619	4.074	ng/ul	94
35) 4-Chloro-3-methylphenol	11.707	107	76833	4.519	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.077	142	181592	4.958	ng/ul	100
37) 1-Methylnaphthalene	12.301	142	186037	4.990	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.460	216	98497	4.680	ng/ul	99
40) Hexachlorocyclopentadiene	12.454	237	46577	4.130	ng/ul	99
41) 2,4,6-Trichlorophenol	12.701	196	52682	4.002	ng/ul	99
42) 2,4,5-Trichlorophenol	12.771	196	60009	4.294	ng/ul	99
43) 1,1'-Biphenyl	13.095	154	255267	4.889	ng/ul	100
44) 2-Chloronaphthalene	13.136	162	188351	4.781	ng/ul	100
45) 2-Nitroaniline	13.336	65	38013	4.269	ng/ul	96
47) Dimethylphthalate	13.718	163	240946	5.042	ng/ul	100
48) 2,6-Dinitrotoluene	13.830	165	33532	4.226	ng/ul	92
50) Acenaphthylene	13.989	152	301777	4.721	ng/ul	99
51) 3-Nitroaniline	14.165	138	37657	4.339	ng/ul	98
52) Acenaphthene	14.330	153	208312	5.010	ng/ul	100
53) 2,4-Dinitrophenol	14.365	184	12653	2.917	ng/ul	89
55) 4-Nitrophenol	14.483	109	29060	4.572	ng/ul	98
56) Dibenzofuran	14.665	168	309499	5.186	ng/ul	99
57) 2,4-Dinitrotoluene	14.618	165	51368	4.641	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.901	232	46808	4.106	ng/ul	98
59) Diethylphthalate	15.083	149	230584	4.936	ng/ul	100
61) Fluorene	15.312	166	244074	5.271	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.307	204	124571	5.320	ng/ul	97
63) 4-Nitroaniline	15.324	138	38264	5.030	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.383	198	24857	3.422	ng/ul#	91
67) N-Nitrosodiphenylamine	15.518	169	202358	4.662	ng/ul	99
68) 4-Bromophenyl-phenylether	16.195	248	68767	4.625	ng/ul	98
69) Hexachlorobenzene	16.330	284	82129	4.543	ng/ul	99
70) Atrazine	16.459	200	68033	4.434	ng/ul	99
71) Pentachlorophenol	16.665	266	32947	3.173	ng/ul	97
72) Phenanthrene	17.036	178	395615	5.089	ng/ul	99
74) Anthracene	17.124	178	386316	4.958	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.071	216	103470	4.310	ng/uL	99
76) Pentachlorobenzene	14.601	250	104420	4.492	ng/uL	98
77) Carbazole	17.395	167	339778	5.155	ng/ul	98
78) Di-n-butylphthalate	17.953	149	353374	4.667	ng/ul	100
80) Fluoranthene	19.047	202	457607	4.460	ng/ul	99
82) Pyrene	19.406	202	484748	4.607	ng/ul	98
83) Butylbenzylphthalate	20.300	149	138240	4.569	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.083	252	143892	5.521	ng/ul	99
85) Benzo(a)anthracene	21.147	228	454177	5.130	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.071	149	206030	4.600	ng/ul	99
87) Chrysene	21.194	228	462721	5.186	ng/ul	99
89) Di-n-octyl phthalate	21.912	149	348826	4.218	ng/ul	100
90) Benzo(b)fluoranthene	22.665	252	480790	5.002	ng/ul	100
91) Benzo(k)fluoranthene	22.706	252	444603	4.881	ng/ul	100
93) Benzo(a)pyrene	23.212	252	445267	4.906	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.429	276	498628	5.391	ng/ul	100
95) Dibenzo(a,h)anthracene	25.429	278	430026	5.605	ng/ul	99
96) Benzo(g,h,i)perylene	26.082	276	421730	5.144	ng/ul	99

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

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