

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
 Data File : BM033153.D
 Acq On : 18 Nov 2021 14:18
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020079

Quant Time: Nov 18 15:16:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 17 14:14:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	105849	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.766	136	411115	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.583	164	252716	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.324	188	514122	20.000	ng/u1	0.00
79) Chrysene-d12	21.477	240	520069	20.000	ng/u1	0.00
88) Perylene-d12	23.824	264	540706	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.419	96	20209	7.360	ng/uL	0.00
4) Pyridine-d5	3.843	84	131210	17.349	ng/u1	0.00
7) Phenol-d5	7.119	99	155611	17.380	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.296	67	101135	17.809	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.496	132	120839	17.819	ng/u1	-0.01
15) 4-Methylphenol-d8	8.666	113	121009	17.415	ng/u1	0.00
21) Nitrobenzene-d5	9.131	128	57968	19.639	ng/u1	0.00
24) 2-Nitrophenol-d4	9.848	143	57334	19.395	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.378	165	120571	17.811	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.895	131	157930	17.543	ng/u1	-0.01
46) Dimethylphthalate-d6	13.995	166	319977	17.262	ng/u1	-0.01
49) Acenaphthylene-d8	14.278	160	425051	17.799	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.766	143	53309	17.656	ng/u1	0.00
60) Fluorene-d10	15.572	176	290425	17.466	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.683	200	42480	17.582	ng/u1	-0.01
73) Anthracene-d10	17.418	188	446654	18.023	ng/u1	-0.01
81) Pyrene-d10	19.701	212	518682	16.877	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.671	264	508700	17.530	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.455	88	19881	7.132	ng/uL	94
5) Pyridine	3.861	79	138416	17.935	ng/u1	99
6) Benzaldehyde	7.113	77	114294	22.398	ng/u1	96
8) Phenol	7.149	94	157554	17.671	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.390	93	124688	17.605	ng/u1	98
12) 2-Chlorophenol	7.531	128	124347	17.765	ng/u1	99
13) 2-Methylphenol	8.401	108	116517	17.059	ng/u1	91
14) 2,2'-oxybis(1-Chloropr...	8.496	45	194601	17.790	ng/u1	98
16) Acetophenone	8.790	105	190628	17.381	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.772	70	103452	17.507	ng/u1	98
18) 4-Methylphenol	8.725	108	124561	17.397	ng/u1	93
19) Hexachloroethane	9.048	117	57334	17.981	ng/u1	91
22) Nitrobenzene	9.172	77	155112	18.830	ng/u1	98
23) Isophorone	9.695	82	262583	17.440	ng/u1	98
25) 2-Nitrophenol	9.878	139	61541	19.641	ng/u1	95
26) 2,4-Dimethylphenol	9.931	107	144558	17.559	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.172	93	157466	17.575	ng/u1	96
29) 2,4-Dichlorophenol	10.407	162	116135	17.692	ng/u1	97
30) Naphthalene	10.819	128	394067	18.026	ng/u1	99
32) 4-Chloroaniline	10.925	127	160038	17.597	ng/u1	98
33) Hexachlorobutadiene	11.095	225	87122	17.038	ng/u1	96
34) Caprolactam	11.701	113	30129	15.965	ng/u1	97
35) 4-Chloro-3-methylphenol	12.031	107	125690	17.584	ng/u1	98
36) 2-Methylnaphthalene	12.419	142	267000	17.627	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.636	142	269309	17.417	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.783	216	150669	17.920	ng/ul	99
40) Hexachlorocyclopentadiene	12.760	237	99580	16.832	ng/ul	98
41) 2,4,6-Trichlorophenol	13.019	196	89944	18.164	ng/ul	95
42) 2,4,5-Trichlorophenol	13.089	196	96943	18.258	ng/ul	97
43) 1,1'-Biphenyl	13.425	154	354324	17.995	ng/ul	98
44) 2-Chloronaphthalene	13.466	162	273286	17.998	ng/ul	99
45) 2-Nitroaniline	13.666	65	79217	19.793	ng/ul	96
47) Dimethylphthalate	14.042	163	313162	17.334	ng/ul	99
48) 2,6-Dinitrotoluene	14.160	165	59940	19.391	ng/ul	93
50) Acenaphthylene	14.307	152	435551	17.973	ng/ul	99
51) 3-Nitroaniline	14.489	138	61900	19.875	ng/ul#	89
52) Acenaphthene	14.648	153	284854	18.019	ng/ul	97
53) 2,4-Dinitrophenol	14.689	184	27755	17.592	ng/ul	90
55) 4-Nitrophenol	14.783	109	52893	17.151	ng/ul	98
56) Dibenzofuran	14.983	168	415707	17.942	ng/ul	98
57) 2,4-Dinitrotoluene	14.942	165	82225	19.342	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.201	232	75165	17.343	ng/ul	94
59) Diethylphthalate	15.401	149	303990	16.799	ng/ul	98
61) Fluorene	15.630	166	327361	17.776	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.624	204	165023	17.168	ng/ul	97
63) 4-Nitroaniline	15.642	138	63941	20.879	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.695	198	43780	18.079	ng/ul#	92
67) N-Nitrosodiphenylamine	15.836	169	272604	18.028	ng/ul	98
68) 4-Bromophenyl-phenylether	16.513	248	98250	17.185	ng/ul	95
69) Hexachlorobenzene	16.624	284	112170	17.126	ng/ul	100
70) Atrazine	16.783	200	95182	16.290	ng/ul	98
71) Pentachlorophenol	16.966	266	62506	16.510	ng/ul	99
72) Phenanthrene	17.366	178	512642	18.001	ng/ul	98
74) Anthracene	17.454	178	518835	18.167	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.389	216	153352	18.160	ng/ul	99
76) Pentachlorobenzene	14.901	250	148481	17.935	ng/ul	99
77) Carbazole	17.724	167	457567	18.035	ng/ul	99
78) Di-n-butylphthalate	18.283	149	459887	16.577	ng/ul	99
80) Fluoranthene	19.365	202	599387	16.647	ng/ul	97
82) Pyrene	19.730	202	622170	17.019	ng/ul	97
83) Butylbenzylphthalate	20.618	149	201866	16.162	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.395	252	210661	17.980	ng/ul	99
85) Benzo(a)anthracene	21.459	228	601529	17.883	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.383	149	274016	15.478	ng/ul	99
87) Chrysene	21.512	228	582779	17.741	ng/ul	100
89) Di-n-octyl phthalate	22.295	149	476239	14.455	ng/ul	100
90) Benzo(b)fluoranthene	23.112	252	633998	17.410	ng/ul	100
91) Benzo(k)fluoranthene	23.159	252	581334	17.426	ng/ul	98
93) Benzo(a)pyrene	23.724	252	612151	17.787	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.230	276	696165	18.165	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.241	278	590264	18.002	ng/ul	98
96) Benzo(g,h,i)perylene	26.965	276	596568	17.934	ng/ul	98

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

