

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012521\
 Data File : BM028528.D
 Acq On : 25 Jan 2021 12:16
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020018

Quant Time: Jan 25 12:52:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM011921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 25 12:52:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	25937	20.00	ng/ul	0.00
20) Naphthalene-d8	10.810	136	103009	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.639	164	59961	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	120376	20.00	ng/ul	0.00
79) Chrysene-d12	21.503	240	116943	20.00	ng/ul	0.00
88) Perylene-d12	23.774	264	117555	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	4969	8.04	ng/uL	0.00
4) Pyridine-d5	3.722	84	34795	19.70	ng/ul	0.00
7) Phenol-d5	7.151	99	43845	20.18	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.316	67	26796	19.51	ng/ul	0.00
11) 2-Chlorophenol-d4	7.522	132	37806	20.36	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	36292	20.55	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	17839	21.17	ng/ul	0.00
24) 2-Nitrophenol-d4	9.892	143	20094	22.14	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	36092	21.16	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	49876	21.87	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	98321	20.45	ng/ul	0.00
49) Acenaphthylene-d8	14.333	160	123268	21.06	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	18913	22.42	ng/ul	0.00
60) Fluorene-d10	15.627	176	83906	20.75	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	15834	20.47	ng/ul	0.00
73) Anthracene-d10	17.462	188	125815	21.03	ng/ul	0.00
81) Pyrene-d10	19.739	212	133981	20.17	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	138369	21.43	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	5095	7.70	ng/uL	95
5) Pyridine	3.746	79	35232	19.89	ng/ul	94
6) Benzaldehyde	7.128	77	19235	22.10	ng/ul	97
8) Phenol	7.181	94	44734	20.33	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.410	93	36286	19.82	ng/ul	99
12) 2-Chlorophenol	7.551	128	38734	20.55	ng/ul	99
13) 2-Methylphenol	8.445	108	34075	20.32	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.522	45	58184	18.56	ng/ul	99
16) Acetophenone	8.828	105	53952	19.95	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.810	70	26856	20.08	ng/ul	92
18) 4-Methylphenol	8.775	108	37100	20.69	ng/ul	99
19) Hexachloroethane	9.081	117	16149	19.43	ng/ul	97
22) Nitrobenzene	9.210	77	42029	20.28	ng/ul	99
23) Isophorone	9.739	82	75044	20.80	ng/ul	99
25) 2-Nitrophenol	9.922	139	21457	21.83	ng/ul	92
26) 2,4-Dimethylphenol	9.981	107	40573	21.00	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.216	93	48275	20.56	ng/ul	99
29) 2,4-Dichlorophenol	10.457	162	35080	21.26	ng/ul	96
30) Naphthalene	10.857	128	122378	20.80	ng/ul	99
32) 4-Chloroaniline	10.969	127	49025	22.10	ng/ul	99
33) Hexachlorobutadiene	11.133	225	22240	19.88	ng/ul	98
34) Caprolactam	11.745	113	11139	22.95	ng/ul	95
35) 4-Chloro-3-methylphenol	12.092	107	37030	21.98	ng/ul	98
36) 2-Methylnaphthalene	12.469	142	82638	20.85	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	79792	20.91	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.833	216	40813	19.81	ng/ul	97
40) Hexachlorocyclopentadiene	12.804	237	17854	16.85	ng/ul	99
41) 2,4,6-Trichlorophenol	13.074	196	26882	20.88	ng/ul	98
42) 2,4,5-Trichlorophenol	13.145	196	28659	20.71	ng/ul	96
43) 1,1'-Biphenyl	13.474	154	105467	20.09	ng/ul	99
44) 2-Chloronaphthalene	13.521	162	83062	20.31	ng/ul	98
45) 2-Nitroaniline	13.721	65	23844	21.12	ng/ul	98
47) Dimethylphthalate	14.092	163	100119	20.34	ng/ul	98
48) 2,6-Dinitrotoluene	14.216	165	20811	21.40	ng/ul	98
50) Acenaphthylene	14.363	152	125255	20.93	ng/ul	100
51) 3-Nitroaniline	14.545	138	16278	18.41	ng/ul	96
52) Acenaphthene	14.704	153	88836	20.59	ng/ul	99
53) 2,4-Dinitrophenol	14.763	184	9958	18.74	ng/ul	92
55) 4-Nitrophenol	14.851	109	13853	20.58	ng/ul	87
56) Dibenzofuran	15.033	168	120283	20.81	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	30066	22.96	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.263	232	24099	21.43	ng/ul	94
59) Diethylphthalate	15.445	149	102927	20.33	ng/ul	99
61) Fluorene	15.680	166	100353	20.87	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.668	204	48849	20.36	ng/ul	98
63) 4-Nitroaniline	15.698	138	12665	16.43	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.763	198	17289	20.82	ng/ul#	96
67) N-Nitrosodiphenylamine	15.886	169	83523	20.63	ng/ul	100
68) 4-Bromophenyl-phenylether	16.562	248	29246	19.95	ng/ul	95
69) Hexachlorobenzene	16.680	284	33339	20.07	ng/ul	97
70) Atrazine	16.827	200	30204	20.17	ng/ul	99
71) Pentachlorophenol	17.021	266	19176	20.42	ng/ul	98
72) Phenanthrene	17.409	178	155299	21.07	ng/ul	99
74) Anthracene	17.498	178	159781	21.33	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.439	216	39915	19.33	ng/uL	98
76) Pentachlorobenzene	14.957	250	39361	19.49	ng/uL	98
77) Carbazole	17.768	167	139105	21.94	ng/ul	100
78) Di-n-butylphthalate	18.315	149	177944	20.35	ng/ul	100
80) Fluoranthene	19.403	202	176534	20.07	ng/ul	98
82) Pyrene	19.768	202	180157	19.98	ng/ul	98
83) Butylbenzylphthalate	20.645	149	81160	19.86	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.415	252	51711	21.48	ng/ul	98
85) Benzo(a)anthracene	21.486	228	166726	20.85	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.403	149	118627	18.74	ng/ul	100
87) Chrysene	21.539	228	163344	20.99	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	205666	18.60	ng/ul	100
90) Benzo(b)fluoranthene	23.091	252	167211	20.75	ng/ul	99
91) Benzo(k)fluoranthene	23.133	252	169391	21.56	ng/ul	99
93) Benzo(a)pyrene	23.680	252	155662	21.35	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.085	276	189344	21.99	ng/ul	100
95) Dibenzo(a,h)anthracene	26.097	278	158469	21.65	ng/ul	97
96) Benzo(g,h,i)perylene	26.803	276	157696	21.73	ng/ul	99

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

