

Data File : BM020353.D
Acq On : 16 May 2019 22:28
Operator : JU/SJ
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 17 05:17:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 17 04:58:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	67218	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	256050	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	158978	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	368483	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	382098	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	405909	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	14980	8.22	ng/uL	0.00
5) Phenol-d5	6.90	99	98610	18.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	64683	18.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	76188	19.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	73259	18.76	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	32641	19.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	36039	19.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	77997	20.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	76592	19.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	219021	19.15	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	282073	19.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	26819	16.15	ng/ul	0.00
57) Fluorene-d10	15.38	176	195808	19.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	33668	16.04	ng/ul	0.00
70) Anthracene-d10	17.23	188	314214	19.88	ng/ul	0.00
78) Pyrene-d10	19.53	212	351640	19.11	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.45	264	361639	19.61	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.26	88	15818	8.322	ng/uL 95
4) Benzaldehyde	6.89	77	82004	17.851	ng/ul 97
6) Phenol	6.93	94	103985	18.434	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.17	93	81216	19.051	ng/ul 95
10) 2-Chlorophenol	7.30	128	78391	19.532	ng/ul 95
11) 2-Methylphenol	8.17	108	69667	18.172	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.26	45	57674	19.895	ng/ul 97
14) Acetophenone	8.56	105	125120	18.767	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.54	70	70927	18.642	ng/ul 98
16) 4-Methylphenol	8.50	108	77434	18.645	ng/ul 95
17) Hexachloroethane	8.80	117	36765	19.397	ng/ul 91
20) Nitrobenzene	8.95	77	108018	19.909	ng/ul 99
21) Isophorone	9.46	82	185100	19.716	ng/ul 99
23) 2-Nitrophenol	9.65	139	38634	19.440	ng/ul 97
24) 2,4-Dimethylphenol	9.70	107	91824	20.147	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.95	93	100365	19.763	ng/ul 100
27) 2,4-Dichlorophenol	10.17	162	74639	19.745	ng/ul 99
28) Naphthalene	10.57	128	234034	19.894	ng/ul 99
30) 4-Chloroaniline	10.70	127	80613	19.643	ng/ul 93
31) Hexachlorobutadiene	10.84	225	65402	19.879	ng/ul 94
32) Caprolactam	11.50	113	18421m	17.076	ng/ul
33) 4-Chloro-3-methylphenol	11.82	107	77117	20.186	ng/ul 94
34) 2-Methylnaphthalene	12.19	142	163938	19.247	ng/ul 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	111071	19.379	ng/ul	98
37) Hexachlorocyclopentadiene	12.53	237	60225	17.562	ng/ul	98
38) 2,4,6-Trichlorophenol	12.81	196	63653	19.007	ng/ul	99
39) 2,4,5-Trichlorophenol	12.88	196	63140	19.083	ng/ul	97
40) 1,1'-Biphenyl	13.22	154	221161	19.432	ng/ul	98
41) 2-Chloronaphthalene	13.26	162	177656	19.606	ng/ul	99
42) 2-Nitroaniline	13.48	65	43444	18.719	ng/ul	93
44) Dimethylphthalate	13.84	163	218173	19.282	ng/ul	99
45) 2,6-Dinitrotoluene	13.97	165	37807	19.141	ng/ul	97
47) Acenaphthylene	14.11	152	264030	19.570	ng/ul	99
48) 3-Nitroaniline	14.32	138	28678	17.281	ng/ul	97
49) Acenaphthene	14.45	153	180326	19.442	ng/ul	98
50) 2,4-Dinitrophenol	14.52	184	15775	12.894	ng/ul	92
52) 4-Nitrophenol	14.62	109	28887	16.638	ng/ul	93
53) Dibenzofuran	14.79	168	274232	19.524	ng/ul	98
54) 2,4-Dinitrotoluene	14.76	165	58777	19.446	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.02	232	62138	18.661	ng/ul#	92
56) Diethylphthalate	15.21	149	206746	18.891	ng/ul	99
58) Fluorene	15.44	166	215060	19.113	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.43	204	127122	19.255	ng/ul	98
60) 4-Nitroaniline	15.48	138	27886	15.449	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.53	198	36235	16.592	ng/ul#	97
64) N-Nitrosodiphenylamine	15.65	169	185604	20.357	ng/ul	98
65) 4-Bromophenyl-phenylether	16.33	248	77804	19.352	ng/ul	96
66) Hexachlorobenzene	16.43	284	92773	19.691	ng/ul	97
67) Atrazine	16.60	200	67333	18.042	ng/ul	99
68) Pentachlorophenol	16.78	266	46565	16.984	ng/ul	91
69) Phenanthrene	17.18	178	348219	19.833	ng/ul	100
71) Anthracene	17.27	178	353389	19.787	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.17	216	115507	20.524	ng/uL	97
73) Pentachlorobenzene	14.70	250	109341	19.964	ng/uL	98
74) Carbazole	17.55	167	278416	18.366	ng/ul	97
75) Di-n-butylphthalate	18.10	149	312660	19.002	ng/ul	99
76) Fluoranthene	19.20	202	417539	18.826	ng/ul	99
79) Pyrene	19.56	202	442034	19.274	ng/ul	98
80) Butylbenzylphthalate	20.46	149	130984	18.216	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.25	252	124300	17.749	ng/ul	93
82) Benzo(a)anthracene	21.31	228	446855	19.430	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.23	149	187761	17.989	ng/ul	97
84) Chrysene	21.36	228	430820	19.602	ng/ul	98
86) Di-n-octyl phthalate	22.11	149	331327	16.808	ng/ul	100
87) Benzo(b)fluoranthene	22.91	252	448119	19.344	ng/ul	98
88) Benzo(k)fluoranthene	22.96	252	444763	19.546	ng/ul	100
90) Benzo(a)pyrene	23.50	252	430569	19.749	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.90	276	503218	20.257	ng/ul	99
92) Dibenzo(a,h)anthracene	25.91	278	433319	20.397	ng/ul	98
93) Benzo(g,h,i)perylene	26.61	276	426439	20.737	ng/ul	96

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

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