

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041918\
 Data File : BM014731.D
 Acq On : 19 Apr 2018 12:06
 Operator : SJ/JU
 Sample : SSTD04084
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD04084

Quant Time: Apr 19 12:49:59 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 19 12:08:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	310648	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1261450	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.14	164	680419	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1463013	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1551573	20.00	ng/ul	0.00
83) Perylene-d12	24.44	264	1547731	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.68	96	114622	15.79	ng/uL	0.00
5) Phenol-d5	7.67	99	1012038	38.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	641236	40.35	ng/ul	0.00
9) 2-Chlorophenol-d4	8.07	132	843730	41.91	ng/ul	0.00
13) 4-Methylphenol-d8	9.25	113	809557	35.24	ng/ul	0.00
19) Nitrobenzene-d5	9.73	128	383861	41.18	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	401647	41.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.00	165	778437	38.95	ng/ul	0.00
29) 4-Chloroaniline-d4	11.52	131	916859	46.57	ng/ul	0.00
43) Dimethylphthalate-d6	14.54	166	2162854	38.49	ng/ul	0.00
46) Acenaphthylene-d8	14.85	160	2743520	39.59	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	421054	54.27	ng/ul	0.00
57) Fluorene-d10	16.12	176	1875440	37.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	328332	37.41	ng/ul	0.00
70) Anthracene-d10	17.96	188	2812988	39.85	ng/ul	0.00
76) Pyrene-d10	20.19	212	3010877	37.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.29	264	3174795	42.15	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.72	88	121193	15.031	ng/uL#	79
4) Benzaldehyde	7.66	77	562598	52.557	ng/ul	90
6) Phenol	7.70	94	990447	35.950	ng/ul#	80
8) Bis(2-Chloroethyl)ether	7.95	93	787422	39.390	ng/ul	90
10) 2-Chlorophenol	8.10	128	822790	40.028	ng/ul	97
11) 2-Methylphenol	8.98	108	731553	34.715	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.07	45	1463387	72.541	ng/ul	97
14) Acetophenone	9.38	105	1177505	29.709	ng/ul	87
15) N-Nitroso-di-n-propylamine	9.36	70	607970	30.609	ng/ul#	80
16) 4-Methylphenol	9.31	108	783583	34.123	ng/ul	93
17) Hexachloroethane	9.66	117	332201	31.024	ng/ul#	69
20) Nitrobenzene	9.77	77	903693	32.779	ng/ul	91
21) Isophorone	10.30	82	1576851	33.438	ng/ul#	93
23) 2-Nitrophenol	10.49	139	434552	41.584	ng/ul#	74
24) 2,4-Dimethylphenol	10.53	107	860816	33.599	ng/ul#	81
25) Bis(2-Chloroethoxy)methane	10.77	93	1015289	40.873	ng/ul	96
27) 2,4-Dichlorophenol	11.03	162	734580	38.741	ng/ul#	89
28) Naphthalene	11.45	128	2484225	38.343	ng/ul	100
30) 4-Chloroaniline	11.54	127	882397	43.946	ng/ul	95
31) Hexachlorobutadiene	11.72	225	457526	30.414	ng/ul	92
32) Caprolactam	12.30	113	220004	36.226	ng/ul#	61
33) 4-Chloro-3-methylphenol	12.62	107	756521	33.020	ng/ul	94
34) 2-Methylnaphthalene	13.02	142	1739377	35.273	ng/ul	97

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36) 1,2,4,5-Tetrachlorobenzene	13.37	216	863132	39.518	ng/ul#	97
37) Hexachlorocyclopentadiene	13.35	237	605608	50.950	ng/ul	98
38) 2,4,6-Trichlorophenol	13.60	196	562021	41.244	ng/ul	98
39) 2,4,5-Trichlorophenol	13.67	196	591832	42.499	ng/ul	100
40) 1,1'-Biphenyl	13.99	154	2199666	41.967	ng/ul#	98
41) 2-Chloronaphthalene	14.04	162	1707094	40.771	ng/ul	99
42) 2-Nitroaniline	14.23	65	498744	35.204	ng/ul	91
44) Dimethylphthalate	14.59	163	2080743	37.553	ng/ul	99
45) 2,6-Dinitrotoluene	14.71	165	422795	40.163	ng/ul	89
47) Acenaphthylene	14.88	152	2606883	39.806	ng/ul	99
48) 3-Nitroaniline	15.04	138	423799	47.499	ng/ul	88
49) Acenaphthene	15.21	153	1827865	39.637	ng/ul	99
50) 2,4-Dinitrophenol	15.24	184	215360	38.038	ng/ul	97
52) 4-Nitrophenol	15.32	109	305042	29.991	ng/ul#	80
53) Dibenzofuran	15.54	168	2501584	36.178	ng/ul	99
54) 2,4-Dinitrotoluene	15.49	165	615408	36.487	ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	15.75	232	510588	36.257	ng/ul#	86
56) Diethylphthalate	15.93	149	2107809	34.139	ng/ul	94
58) Fluorene	16.18	166	2038693	34.152	ng/ul	100
59) 4-Chlorophenyl-phenylether	16.16	204	1022932	32.762	ng/ul	96
60) 4-Nitroaniline	16.19	138	438461	43.820	ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	16.24	198	347111	38.860	ng/ul#	90
64) N-Nitrosodiphenylamine	16.37	169	1744174	41.486	ng/ul	100
65) 4-Bromophenyl-phenylether	17.04	248	633941	38.833	ng/ul	95
66) Hexachlorobenzene	17.17	284	729385	42.486	ng/ul#	93
67) Atrazine	17.29	200	603016	36.318	ng/ul#	91
68) Pentachlorophenol	17.50	266	424518	47.189	ng/ul	98
69) Phenanthrene	17.90	178	3178030	37.702	ng/ul	99
71) Anthracene	17.99	178	3259579	38.451	ng/ul	99
72) Carbazole	18.25	167	2859308	40.113	ng/ul	99
73) Di-n-butylphthalate	18.77	149	3502120	38.082	ng/ul#	97
74) Fluoranthene	19.86	202	3626280	36.008	ng/ul#	83
77) Pyrene	20.22	202	3678877	35.678	ng/ul#	81
78) Butylbenzylphthalate	21.06	149	1595749	37.429	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.84	252	1291695	47.352	ng/ul#	94
80) Benzo(a)anthracene	21.93	228	3685077	38.056	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.81	149	2315893	37.928	ng/ul#	97
82) Chrysene	21.99	228	3463257	38.339	ng/ul	100
84) Di-n-octyl phthalate	22.77	149	3863046	29.086	ng/ul#	95
85) Benzo(b)fluoranthene	23.68	252	3706628	35.767	ng/ul#	96
86) Benzo(k)fluoranthene	23.73	252	3729522	37.851	ng/ul#	96
88) Benzo(a)pyrene	24.34	252	3602427	38.900	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	27.04	276	4351965	48.429	ng/ul#	88
90) Dibenzo(a,h)anthracene	27.06	278	3656764	48.972	ng/ul#	94
91) Benzo(g,h,i)perylene	27.84	276	3571540	49.061	ng/ul#	90

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

