

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032818\
 Data File : BM014661.D
 Acq On : 28 Mar 2018 11:01
 Operator : SJ/JU
 Sample : SSTD02063
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02063

Quant Time: Mar 28 14:59:59 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 28 14:52:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.59	152	349827	20.00	ng/ul	0.00
18) Naphthalene-d8	11.43	136	1547598	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.18	164	909466	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.89	188	2069319	20.00	ng/ul	0.00
77) Chrysene-d12	21.98	240	2352501	20.00	ng/ul	0.00
85) Perylene-d12	24.50	264	2332894	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.69	96	57305	7.22	ng/uL	0.00
5) Phenol-d5	7.69	99	569863	15.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.88	67	370921	15.05	ng/ul	0.00
9) 2-Chlorophenol-d4	8.10	132	470822	20.36	ng/ul	0.00
13) 4-Methylphenol-d8	9.27	113	473368	15.68	ng/ul	0.00
19) Nitrobenzene-d5	9.76	128	203253	18.39	ng/ul	0.00
22) 2-Nitrophenol-d4	10.50	143	180051	14.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.03	165	473184	18.06	ng/ul	0.00
29) 4-Chloroaniline-d4	11.55	131	637534	20.40	ng/ul	0.00
43) Dimethylphthalate-d6	14.57	166	1513345	21.91	ng/ul	0.00
46) Acenaphthylene-d8	14.88	160	1855457	23.36	ng/ul	0.00
51) 4-Nitrophenol-d4	15.33	143	247313	18.04	ng/ul	0.00
57) Fluorene-d10	16.16	176	1280256	20.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.25	200	148864	12.02	ng/ul	0.00
70) Anthracene-d10	17.99	188	1993528	20.36	ng/ul	0.00
78) Pyrene-d10	20.23	212	2233338	23.52	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.34	264	2325782	21.79	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.73	88	60241	7.149	ng/uL 98
4) Benzaldehyde	7.69	77	362249	14.283	ng/ul 92
6) Phenol	7.72	94	558941	13.831	ng/ul 91
8) Bis(2-Chloroethyl)ether	7.98	93	455726	15.744	ng/ul# 86
10) 2-Chlorophenol	8.13	128	465331	19.510	ng/ul# 92
11) 2-Methylphenol	9.01	108	429352	14.665	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	9.11	45	859495	17.823	ng/ul# 82
14) Acetophenone	9.42	105	725984	14.315	ng/ul# 89
15) N-Nitroso-di-n-propylamine	9.39	70	382566	12.305	ng/ul# 74
16) 4-Methylphenol	9.34	108	471315	14.199	ng/ul 99
17) Hexachloroethane	9.70	117	189246	18.122	ng/ul 99
20) Nitrobenzene	9.81	77	523038	14.192	ng/ul 95
21) Isophorone	10.33	82	1040280	14.271	ng/ul 99
23) 2-Nitrophenol	10.53	139	217124	16.258	ng/ul 90
24) 2,4-Dimethylphenol	10.56	107	543755	15.867	ng/ul 98
25) Bis(2-Chloroethoxy)methane	10.81	93	630543	15.777	ng/ul 99
27) 2,4-Dichlorophenol	11.06	162	441682	17.028	ng/ul 99
28) Naphthalene	11.49	128	1526407	19.233	ng/ul 100
30) 4-Chloroaniline	11.57	127	609119	18.393	ng/ul 99
31) Hexachlorobutadiene	11.76	225	286991	16.051	ng/ul 98
32) Caprolactam	12.32	113	140807	12.997	ng/ul# 48
33) 4-Chloro-3-methylphenol	12.65	107	489142	14.369	ng/ul 95
34) 2-Methylnaphthalene	13.05	142	1120673	17.736	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.40	216	564301	20.630	ng/ul	99
37) Hexachlorocyclopentadiene	13.39	237	358633	23.189	ng/ul	99
38) 2,4,6-Trichlorophenol	13.63	196	347418	20.032	ng/ul	100
39) 2,4,5-Trichlorophenol	13.70	196	377966	19.024	ng/ul	100
40) 1,1'-Biphenyl	14.03	154	1446440	22.701	ng/ul	99
41) 2-Chloronaphthalene	14.08	162	1122483	22.764	ng/ul	96
42) 2-Nitroaniline	14.26	65	279825	13.815	ng/ul	82
44) Dimethylphthalate	14.62	163	1450691	20.941	ng/ul	100
45) 2,6-Dinitrotoluene	14.74	165	244479	18.342	ng/ul	91
47) Acenaphthylene	14.91	152	1758544	22.114	ng/ul	99
48) 3-Nitroaniline	15.07	138	254019	17.896	ng/ul#	93
49) Acenaphthene	15.24	153	1224203	21.883	ng/ul	97
50) 2,4-Dinitrophenol	15.26	184	79471	9.095	ng/ul	94
52) 4-Nitrophenol	15.34	109	196088	12.242	ng/ul#	86
53) Dibenzofuran	15.57	168	1695263	20.561	ng/ul	98
54) 2,4-Dinitrotoluene	15.52	165	368657	17.954	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.79	232	328764	17.240	ng/ul	94
56) Diethylphthalate	15.96	149	1509046	20.802	ng/ul	99
58) Fluorene	16.22	166	1410407	19.824	ng/ul	100
59) 4-Chlorophenyl-phenylether	16.20	204	715618	19.574	ng/ul	92
60) 4-Nitroaniline	16.21	138	273773	16.990	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	16.27	198	170139	13.086	ng/ul	100
64) N-Nitrosodiphenylamine	16.40	169	1222673	21.025	ng/ul	99
65) 4-Bromophenyl-phenylether	17.09	248	460399	20.595	ng/ul#	88
66) Hexachlorobenzene	17.20	284	518450	20.847	ng/ul	92
67) Atrazine	17.33	200	451431	18.567	ng/ul	98
68) Pentachlorophenol	17.53	266	266842	16.333	ng/ul	98
69) Phenanthrene	17.94	178	2266015	19.677	ng/ul	99
71) Anthracene	18.03	178	2309317	19.663	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	14.00	216	578181	23.783	ng/uL	99
73) Pentachlorobenzene	15.49	250	580112	22.224	ng/uL	100
74) Carbazole	18.28	167	2057146	18.765	ng/ul	99
75) Di-n-butylphthalate	18.81	149	2575075	20.382	ng/ul	100
76) Fluoranthene	19.90	202	2671688	18.406	ng/ul	100
79) Pyrene	20.25	202	2743330	22.446	ng/ul	98
80) Butylbenzylphthalate	21.10	149	1084984	22.089	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.88	252	968866	21.743	ng/ul	99
82) Benzo(a)anthracene	21.97	228	2801313	20.832	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.86	149	1681758	21.995	ng/ul	99
84) Chrysene	22.02	228	2617407	20.638	ng/ul	100
86) Di-n-octyl phthalate	22.83	149	2771569	22.091	ng/ul#	88
87) Benzo(b)fluoranthene	23.73	252	2761194	20.027	ng/ul	99
88) Benzo(k)fluoranthene	23.79	252	2756276	20.913	ng/ul	99
90) Benzo(a)pyrene	24.40	252	2652986	19.794	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	27.13	276	2962478	18.426	ng/ul	96
92) Dibenzo(a,h)anthracene	27.14	278	2494668	18.346	ng/ul	98
93) Benzo(g,h,i)perylene	27.93	276	2371063	17.817	ng/ul	97

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

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