

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062920\
 Data File : BM026612.D
 Acq On : 29 Jun 2020 13:41
 Operator : JU/CG
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDC0020EC

Manual Integrations
 APPROVED

mohammad
 6/30/2020 10:10:40 AM

Quant Time: Jun 29 14:31:14 2020
 Quant Title :
 QLast Update : Mon Jun 29 18:04:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	68797	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	356727	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	258189	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	609206	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	766341	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	747621	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.96	96	14539	7.41	ng/uL	0.00
5) Phenol-d5	6.57	99	136087	21.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	90292	22.52	ng/ul	0.00
9) 2-Chlorophenol-d4	6.91	132	97600	18.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	115842	23.22	ng/ul	0.00
19) Nitrobenzene-d5	8.51	128	50869m	16.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	57884	16.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.76	165	120398	18.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.27	131	154959	23.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	383995	17.69	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	456354	17.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	64646	17.96	ng/ul	0.00
58) Fluorene-d10	15.03	176	343614	18.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	69489	17.43	ng/ul	0.00
71) Anthracene-d10	16.88	188	559430	18.04	ng/ul	0.00
79) Pyrene-d10	19.19	212	677213	16.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.96	264	770779	18.65	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	2.99	88	15582	7.164	ng/uL 99
4) Benzaldehyde	6.53	77	81377	22.350	ng/ul 98
6) Phenol	6.60	94	149235	21.502	ng/ul 92
8) Bis(2-Chloroethyl)ether	6.82	93	113471	21.846	ng/ul 96
10) 2-Chlorophenol	6.94	128	107822	19.463	ng/ul 98
11) 2-Methylphenol	7.82	108	113775	22.555	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	7.90	45	228712	25.796	ng/ul 95
14) Acetophenone	8.19	105	196442	23.993	ng/ul# 94
15) N-Nitroso-di-n-propylamine	8.18	70	117134	23.944	ng/ul 91
16) 4-Methylphenol	8.15	108	129014	23.616	ng/ul 98
17) Hexachloroethane	8.42	117	42450	18.042	ng/ul 97
20) Nitrobenzene	8.56	77	160559	18.620	ng/ul 97
21) Isophorone	9.08	82	297167	18.627	ng/ul 98
23) 2-Nitrophenol	9.26	139	65223	16.802	ng/ul 88
24) 2,4-Dimethylphenol	9.33	107	157106	19.249	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.57	93	170943	18.488	ng/ul 98
27) 2,4-Dichlorophenol	9.79	162	120537	18.624	ng/ul 95
28) Naphthalene	10.17	128	375711	17.320	ng/ul 99
30) 4-Chloroaniline	10.30	127	164419	23.708	ng/ul 98
31) Hexachlorobutadiene	10.46	225	75050	17.552	ng/ul 98
32) Caprolactam	11.07	113	41534m	20.407	ng/ul
33) 4-Chloro-3-methylphenol	11.45	107	152143	20.219	ng/ul 98
34) 2-Methylnaphthalene	11.80	142	287272	18.843	ng/ul 100
35) 1-Methylnaphthalene	12.02	142	270613	19.094	ng/ul 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.18	216	158204	16.770	ng/ul	97
38) Hexachlorocyclopentadiene	12.16	237	93749	19.888	ng/ul	95
39) 2,4,6-Trichlorophenol	12.44	196	105340	17.263	ng/ul	99
40) 2,4,5-Trichlorophenol	12.52	196	114537	17.395	ng/ul	99
41) 1,1'-Biphenyl	12.84	154	389026	16.979	ng/ul	99
42) 2-Chloronaphthalene	12.87	162	303322	17.205	ng/ul	100
43) 2-Nitroaniline	13.10	65	121942	19.193	ng/ul	95
45) Dimethylphthalate	13.50	163	405465	17.985	ng/ul	99
46) 2,6-Dinitrotoluene	13.62	165	83738	17.866	ng/ul	89
48) Acenaphthylene	13.74	152	481857	17.370	ng/ul	99
49) 3-Nitroaniline	13.95	138	79409	18.871	ng/ul	96
50) Acenaphthene	14.09	153	337290	17.621	ng/ul	99
51) 2,4-Dinitrophenol	14.17	184	68536	28.622	ng/ul	87
53) 4-Nitrophenol	14.29	109	66515	21.162	ng/ul	95
54) Dibenzofuran	14.43	168	490824	18.163	ng/ul	98
55) 2,4-Dinitrotoluene	14.42	165	129945	19.141	ng/ul#	73
56) 2,3,4,6-Tetrachlorophenol	14.67	232	106689	18.971	ng/ul	98
57) Diethylphthalate	14.89	149	426206	18.696	ng/ul	98
59) Fluorene	15.09	166	415538	18.630	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.09	204	209462	18.568	ng/ul	99
61) 4-Nitroaniline	15.13	138	85735m	17.947	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.19	198	74515	18.189	ng/ul	94
65) N-Nitrosodiphenylamine	15.31	169	363051	17.346	ng/ul	99
66) 4-Bromophenyl-phenylether	15.99	248	130534	17.080	ng/ul	98
67) Hexachlorobenzene	16.09	284	147904	17.297	ng/ul	99
68) Atrazine	16.28	200	136269	19.105	ng/ul	97
69) Pentachlorophenol	16.44	266	84032	20.558	ng/ul	96
70) Phenanthrene	16.82	178	686870	17.977	ng/ul	99
72) Anthracene	16.92	178	707436	18.064	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.80	216	161198	15.631	ng/ul	99
74) Pentachlorobenzene	14.35	250	165356	16.682	ng/ul	100
75) Carbazole	17.20	167	636498	19.558	ng/ul	99
76) Di-n-butylphthalate	17.78	149	757698	17.789	ng/ul	99
77) Fluoranthene	18.85	202	859245	20.584	ng/ul	99
80) Pyrene	19.22	202	920587	16.339	ng/ul	97
81) Butylbenzylphthalate	20.16	149	377845	15.752	ng/ul	95
82) 3,3'-Dichlorobenzidine	20.93	252	294657	16.643	ng/ul	99
83) Benzo(a)anthracene	20.99	228	972772	17.819	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.95	149	593798	16.388	ng/ul	100
85) Chrysene	21.04	228	953171	17.986	ng/ul	99
87) Di-n-octyl phthalate	21.80	149	1061563	19.780	ng/ul	100
88) Benzo(b)fluoranthene	22.47	252	1014173	19.781	ng/ul	100
89) Benzo(k)fluoranthene	22.51	252	938614	19.033	ng/ul	99
91) Benzo(a)pyrene	23.00	252	849893	18.817	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.11	276	970721	16.397	ng/ul	100
93) Dibenzo(a,h)anthracene	25.12	278	811542	16.428	ng/ul	100
94) Benzo(g,h,i)perylene	25.72	276	786737	15.908	ng/ul	98

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

