Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070620\
Data File : BM026660.D
Acq On : 06 Jul 2020 10:38
Operator : JU/CG
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02031

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Quant Time: Jul 06 11:32:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 06 10:09:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	87820	20.00	ng/ul	0.00
18) Naphthalene-d8	10.10	136	339356	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.01	164	198391	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	403229	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	409779	20.00	ng/ul	0.00
86) Perylene-d12	23.06	264	411725	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.95	96	20453	7.00	ng/uL	0.00
5) Phenol-d5	6.56	99	140963	17.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.71	67	102036	18.76	ng/ul	0.00
9) 2-Chlorophenol-d4	6.89	132	110698	17.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.08	113	110754	17.22	ng/ul	0.00
19) Nitrobenzene-d5	8.50	128	52624	19.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.21	143	57174	19.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.75	165	107129	19.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.26	131	132562	22.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.44	166	288689	18.24	ng/ul	0.00
47) Acenaphthylene-d8	13.69	160	359845	18.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	38900	17.03	ng/ul	0.00
58) Fluorene-d10	15.02	176	252128	18.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.16	200	44355	17.61	ng/ul	0.00
71) Anthracene-d10	16.87	188	374501	18.86	ng/ul	0.00
79) Pyrene-d10	19.17	212	404131	18.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.93	264	430850	19.39	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.98	88	22093	6.982	ng/uL	90
4) Benzaldehyde	6.52	77	97393	22.802	ng/ul	97
6) Phenol	6.59	94	155647	17.602	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.80	93	123076	18.280	ng/ul	95
10) 2-Chlorophenol	6.93	128	120177	17.640	ng/ul	99
11) 2-Methylphenol	7.81	108	109176	17.281	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.89	45	245306	18.781	ng/ul	97
14) Acetophenone	8.17	105	187968	17.247	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.16	70	109239	16.967	ng/ul	93
16) 4-Methylphenol	8.14	108	119239	16.980	ng/ul	95
17) Hexachloroethane	8.40	117	55255	18.303	ng/ul	95
20) Nitrobenzene	8.54	77	156444	18.485	ng/ul	99
21) Isophorone	9.07	82	264511	18.592	ng/ul	98
23) 2-Nitrophenol	9.25	139	62375	18.839	ng/ul	93
24) 2,4-Dimethylphenol	9.32	107	140445	18.420	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.55	93	157507	18.620	ng/ul	97
27) 2,4-Dichlorophenol	9.77	162	107984	18.648	ng/ul	94
28) Naphthalene	10.16	128	365742	18.208	ng/ul	98
30) 4-Chloroaniline	10.29	127	141060	22.498	ng/ul	99
31) Hexachlorobutadiene	10.45	225	79930	19.047	ng/ul	99
32) Caprolactam	11.06	113	29650	18.540	ng/ul	94
33) 4-Chloro-3-methylphenol	11.43	107	119271	18.102	ng/ul	97
34) 2-Methylnaphthalene	11.78	142	251840	17.897	ng/ul	97

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35) 1-Methylnaphthalene	12.00	142	233406	17.795	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.17	216	138012	19.139	ng/ul	99
38) Hexachlorocyclopentadiene	12.15	237	80728	21.937	ng/ul	99
39) 2,4,6-Trichlorophenol	12.42	196	83704	19.664	ng/ul	92
40) 2,4,5-Trichlorophenol	12.50	196	89134	19.146	ng/ul	98
41) 1,1'-Biphenyl	12.83	154	318628	18.555	ng/ul	99
42) 2-Chloronaphthalene	12.86	162	248776	18.405	ng/ul	98
43) 2-Nitroaniline	13.09	65	90171	19.843	ng/ul	99
45) Dimethylphthalate	13.49	163	305045	18.416	ng/ul	99
46) 2,6-Dinitrotoluene	13.60	165	61042	19.067	ng/ul	99
48) Acenaphthylene	13.72	152	377845	18.450	ng/ul	99
49) 3-Nitroaniline	13.93	138	56437	21.208	ng/ul	98
50) Acenaphthene	14.07	153	261806	18.087	ng/ul	99
51) 2,4-Dinitrophenol	14.16	184	38166	22.947	ng/ul	95
53) 4-Nitrophenol	14.27	109	41519	17.663	ng/ul	97
54) Dibenzofuran	14.42	168	371544	18.090	ng/ul	99
55) 2,4-Dinitrotoluene	14.41	165	88513	18.591	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.66	232	74843	18.676	ng/ul	95
57) Diethylphthalate	14.87	149	314764	18.907	ng/ul	98
59) Fluorene	15.07	166	305228	18.190	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.07	204	158309	18.151	ng/ul	98
61) 4-Nitroaniline	15.11	138	54521m	18.114	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.18	198	46223	17.322	ng/ul	99
65) N-Nitrosodiphenylamine	15.29	169	258478	19.171	ng/ul	99
66) 4-Bromophenyl-phenylether	15.97	248	93860	19.309	ng/ul	98
67) Hexachlorobenzene	16.08	284	104744	18.909	ng/ul	97
68) Atrazine	16.26	200	91712	20.879	ng/ul	98
69) Pentachlorophenol	16.43	266	50445	18.467	ng/ul	97
70) Phenanthrene	16.81	178	465473	18.538	ng/ul	99
72) Anthracene	16.90	178	478703	18.895	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.79	216	134796	19.390	ng/uL	98
74) Pentachlorobenzene	14.34	250	127015	19.075	ng/uL	98
75) Carbazole	17.18	167	397466	19.594	ng/ul	99
76) Di-n-butylphthalate	17.76	149	518071	21.108	ng/ul	99
77) Fluoranthene	18.84	202	525820	20.244	ng/ul	99
80) Pyrene	19.20	202	552226	19.016	ng/ul	99
81) Butylbenzylphthalate	20.14	149	226963	22.031	ng/ul	96
82) 3,3'-Dichlorobenzidine	20.92	252	164645	19.933	ng/ul	100
83) Benzo(a)anthracene	20.97	228	533384	18.909	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.93	149	361962	23.592	ng/ul	100
85) Chrysene	21.02	228	523744	18.716	ng/ul	99
87) Di-n-octyl phthalate	21.78	149	606225	23.895	ng/ul	100
88) Benzo(b)fluoranthene	22.46	252	528805	18.909	ng/ul	99
89) Benzo(k)fluoranthene	22.50	252	544431	19.642	ng/ul	99
91) Benzo(a)pyrene	22.97	252	480705	19.376	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.08	276	628846	19.421	ng/ul	100
93) Dibenzo(a,h)anthracene	25.09	278	529970	19.428	ng/ul	99
94) Benzo(g,h,i)perylene	25.69	276	529169	19.594	ng/ul	98

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

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