Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072720\
Data File : BM026866.D
Acq On : 27 Jul 2020 10:39
Operator : JU/CG
Sample : SSTD00504
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD00504

Quant Time: Jul 27 12:53:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 27 12:34:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	79170	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	303391	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	189449	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	391776	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	378929	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	382020	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	2956	1.12	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.21	132	24798	4.45	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.81	128	11500	4.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	9640	3.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	24371	4.86	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.72	166	71401	4.72	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	89717	4.91	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.31	176	61522	4.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.15	188	92105	4.77	ng/ul	0.00
79) Pyrene-d10	19.45	212	96593	4.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	99428	4.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	4291	1.504	ng/uL#	79
10) 2-Chlorophenol	7.24	128	25232	4.108	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.48	70	25336	4.365	ng/ul	97
17) Hexachloroethane	8.75	117	12142	4.461	ng/ul	97
20) Nitrobenzene	8.86	77	35539	4.697	ng/ul	97
21) Isophorone	9.38	82	65557	5.154	ng/ul	97
23) 2-Nitrophenol	9.57	139	10287	3.475	ng/ul	97
24) 2,4-Dimethylphenol	9.64	107	31062	4.557	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.87	93	37393	4.944	ng/ul	97
27) 2,4-Dichlorophenol	10.10	162	23400	4.520	ng/ul	96
28) Naphthalene	10.50	128	82132	4.574	ng/ul	99
31) Hexachlorobutadiene	10.81	225	17861	4.761	ng/ul	91
33) 4-Chloro-3-methylphenol	11.73	107	27192	4.616	ng/ul	94
34) 2-Methylnaphthalene	12.12	142	57490	4.570	ng/ul	98
35) 1-Methylnaphthalene	12.34	142	56259	4.798	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.50	216	30198	4.385	ng/ul	96
39) 2,4,6-Trichlorophenol	12.73	196	16796	4.132	ng/ul	92
40) 2,4,5-Trichlorophenol	12.80	196	17821	4.009	ng/ul	97
41) 1,1'-Biphenyl	13.14	154	76616	4.672	ng/ul#	96
42) 2-Chloronaphthalene	13.18	162	61464	4.762	ng/ul	99
43) 2-Nitroaniline	13.37	65	16355	3.769	ng/ul	94
45) Dimethylphthalate	13.77	163	75224	4.756	ng/ul	97
46) 2,6-Dinitrotoluene	13.88	165	11228	3.673	ng/ul#	82

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48) Acenaphthylene	14.03	152	92723	4.741	ng/ul	99
50) Acenaphthene	14.37	153	62358	4.511	ng/ul	97
54) Dibenzofuran	14.71	168	89575	4.567	ng/ul	99
55) 2,4-Dinitrotoluene	14.67	165	15687	3.450	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.94	232	14082	3.680	ng/ul	98
57) Diethylphthalate	15.15	149	74407	4.680	ng/ul	97
59) Fluorene	15.36	166	72621	4.532	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.37	204	36651	4.401	ng/ul	99
65) N-Nitrosodiphenylamine	15.57	169	60533	4.621	ng/ul	99
66) 4-Bromophenyl-phenylether	16.26	248	21884	4.634	ng/ul	97
67) Hexachlorobenzene	16.37	284	25285	4.698	ng/ul	95
70) Phenanthrene	17.09	178	113114	4.637	ng/ul	99
72) Anthracene	17.18	178	117052	4.755	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.11	216	28905	4.279	ng/uL	94
74) Pentachlorobenzene	14.64	250	28244	4.366	ng/uL	95
76) Di-n-butylphthalate	18.05	149	116988	4.906	ng/ul	99
80) Pyrene	19.48	202	132800	4.945	ng/ul	98
81) Butylbenzylphthalate	20.41	149	44727	4.695	ng/ul	97
83) Benzo(a)anthracene	21.24	228	124501	4.773	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	71871	5.066	ng/ul	98
85) Chrysene	21.28	228	122843	4.747	ng/ul	98
88) Benzo(b)fluoranthene	22.80	252	123753	4.769	ng/ul	96
89) Benzo(k)fluoranthene	22.85	252	123373	4.797	ng/ul	99
91) Benzo(a)pyrene	23.36	252	114396	4.969	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.68	276	141279	4.703	ng/ul	99
93) Dibenzo(a,h)anthracene	25.70	278	119069	4.704	ng/ul	98
94) Benzo(g,h,i)perylene	26.35	276	119118	4.754	ng/ul	99

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

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