Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027405.D
Acq On : 11 Sep 2020 15:18
Operator : JU/CG
Sample : SSTDCCC020EC
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02018

Quant Time: Sep 11 15:50:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 11 10:31:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	152598	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	617299	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	448575	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	1063413	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	1126764	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	930901	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	28554	8.33	ng/uL	0.00
5) Phenol-d5	6.76	99	278014	22.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	170290	20.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	212768	23.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	222646	21.70	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	98199	21.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	113403	22.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	253547	23.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	273184	21.07	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	727605	20.39	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	874311	21.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	122555	19.50	ng/ul	0.00
58) Fluorene-d10	15.20	176	652542	20.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	92871	13.65	ng/ul	0.00
71) Anthracene-d10	17.05	188	1049179	20.86	ng/ul	0.00
79) Pyrene-d10	19.35	212	1218838	24.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	1045205	20.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	30313	7.385	ng/uL	99
4) Benzaldehyde	6.72	77	183686	20.259	ng/ul	93
6) Phenol	6.78	94	303689	22.718	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.00	93	222486	20.722	ng/ul	96
10) 2-Chlorophenol	7.13	128	225378	23.462	ng/ul	97
11) 2-Methylphenol	8.02	108	214594	21.750	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.10	45	170700	21.084	ng/ul	98
14) Acetophenone	8.38	105	352102	20.450	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.37	70	206736	20.985	ng/ul	98
16) 4-Methylphenol	8.34	108	234581	21.782	ng/ul	99
17) Hexachloroethane	8.63	117	97657	20.433	ng/ul	100
20) Nitrobenzene	8.75	77	307938	20.290	ng/ul	95
21) Isophorone	9.28	82	515848	20.026	ng/ul	99
23) 2-Nitrophenol	9.46	139	124942	22.582	ng/ul	99
24) 2,4-Dimethylphenol	9.53	107	282934	22.332	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.76	93	305290	20.863	ng/ul	99
27) 2,4-Dichlorophenol	9.99	162	248875	22.790	ng/ul	99
28) Naphthalene	10.38	128	687055	20.947	ng/ul	99
30) 4-Chloroaniline	10.49	127	282618	21.629	ng/ul	100
31) Hexachlorobutadiene	10.68	225	174008	20.203	ng/ul	96
32) Caprolactam	11.27	113	65122	18.808	ng/ul	95
33) 4-Chloro-3-methylphenol	11.64	107	262519	22.570	ng/ul	96
34) 2-Methylnaphthalene	12.00	142	529925	21.370	ng/ul	95

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.23	142	495444	20.077 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.38	216	332130	22.026 ng/ul	98
38) Hexachlorocyclopentadiene	12.37	237	169848	17.215 ng/ul	96
39) 2,4,6-Trichlorophenol	12.63	196	217911	23.764 ng/ul	98
40) 2,4,5-Trichlorophenol	12.70	196	238262	24.057 ng/ul	98
41) 1,1'-Biphenyl	13.03	154	728455	21.592 ng/ul	99
42) 2-Chloronaphthalene	13.07	162	587572	21.401 ng/ul	98
43) 2-Nitroaniline	13.28	65	189489	23.505 ng/ul	94
45) Dimethylphthalate	13.67	163	757223	20.130 ng/ul	99
46) 2,6-Dinitrotoluene	13.79	165	155695	21.708 ng/ul	93
48) Acenaphthylene	13.92	152	881583	21.658 ng/ul	98
49) 3-Nitroaniline	14.12	138	145584	22.787 ng/ul	92
50) Acenaphthene	14.27	153	616189	21.079 ng/ul	98
51) 2,4-Dinitrophenol	14.33	184	47465	10.580 ng/ul	89
53) 4-Nitrophenol	14.44	109	127155	19.410 ng/ul	96
54) Dibenzofuran	14.61	168	918921	21.022 ng/ul	97
55) 2,4-Dinitrotoluene	14.58	165	231777	20.964 ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.84	232	215001	21.904 ng/ul	99
57) Diethylphthalate	15.05	149	782243	19.943 ng/ul	99
59) Fluorene	15.26	166	763641	20.326 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.26	204	413289	20.101 ng/ul	97
61) 4-Nitroaniline	15.28	138	155568	20.979 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.34	198	98923	13.426 ng/ul	95
65) N-Nitrosodiphenylamine	15.47	169	673946	22.474 ng/ul	98
66) 4-Bromophenyl-phenylether	16.15	248	265885	21.599 ng/ul	96
67) Hexachlorobenzene	16.27	284	310942	20.865 ng/ul	97
68) Atrazine	16.43	200	261535	20.132 ng/ul	98
69) Pentachlorophenol	16.61	266	171752	18.779 ng/ul	99
70) Phenanthrene	17.00	178	1258888	20.671 ng/ul	100
72) Anthracene	17.09	178	1294194	20.859 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	332706	23.769 ng/uL	98
74) Pentachlorobenzene	14.53	250	338784	21.947 ng/uL	98
75) Carbazole	17.36	167	1136099	21.633 ng/ul	100
76) Di-n-butylphthalate	17.94	149	1384749	21.232 ng/ul	99
77) Fluoranthene	19.02	202	1553892	20.707 ng/ul	98
80) Pyrene	19.38	202	1600997	23.488 ng/ul#	95
81) Butylbenzylphthalate	20.30	149	669566	25.664 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.08	252	468566	18.935 ng/ul	100
83) Benzo(a)anthracene	21.14	228	1561484	21.388 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	996958	24.528 ng/ul	99
85) Chrysene	21.19	228	1482613	20.553 ng/ul	99
87) Di-n-octyl phthalate	21.96	149	1659773	28.712 ng/ul	100
88) Benzo(b)fluoranthene	22.68	252	1401402	22.802 ng/ul	99
89) Benzo(k)fluoranthene	22.72	252	1311222	21.280 ng/ul	99
91) Benzo(a)pyrene	23.23	252	1122675	19.579 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.48	276	1203521	15.988 ng/ul	99
93) Dibenzo(a,h)anthracene	25.49	278	1012878	15.908 ng/ul	99
94) Benzo(g,h,i)perylene	26.13	276	964828	15.335 ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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