Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010920\
Data File : BM024451.D
Acq On : 10 Jan 2020 07:35
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02014

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1/10/2020 1:08:46 PM

Quant Time: Jan 10 08:14:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 10 07:52:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	281984	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	1087652	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	674239	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1506639	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1574501	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	1844873	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	63558	9.73	ng/uL	0.00
5) Phenol-d5	6.68	99	414350	18.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	254461	19.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	351627	18.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	317187	17.93	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	175967	21.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	132413	16.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	332370	19.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	336828	17.41	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1012669	20.91	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	1255679	20.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	164649	19.28	ng/ul	0.00
58) Fluorene-d10	15.13	176	902868	21.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	103511	15.33	ng/ul	0.00
71) Anthracene-d10	16.98	188	1402742	19.88	ng/ul	0.00
79) Pyrene-d10	19.29	212	1594648	18.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	1843506	19.57	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	61824	9.408	ng/uL	95
4) Benzaldehyde	6.64	77	183639	15.080	ng/ul	97
6) Phenol	6.70	94	428519	19.095	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.93	93	344946	19.614	ng/ul	99
10) 2-Chlorophenol	7.06	128	361692	19.494	ng/ul	93
11) 2-Methylphenol	7.94	108	312477	18.511	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.03	45	427193	18.057	ng/ul	99
14) Acetophenone	8.30	105	561109	20.626	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.30	70	262468	19.077	ng/ul	95
16) 4-Methylphenol	8.26	108	334304	18.499	ng/ul	98
17) Hexachloroethane	8.56	117	166263	20.554	ng/ul	98
20) Nitrobenzene	8.67	77	425951	21.258	ng/ul	96
21) Isophorone	9.20	82	729789	19.955	ng/ul	98
23) 2-Nitrophenol	9.37	139	152646	17.711	ng/ul	95
24) 2,4-Dimethylphenol	9.45	107	381427	19.448	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.69	93	431044	19.680	ng/ul	99
27) 2,4-Dichlorophenol	9.90	162	331663	20.196	ng/ul	97
28) Naphthalene	10.30	128	1135706	20.201	ng/ul	99
30) 4-Chloroaniline	10.41	127	339697	17.944	ng/ul	98
31) Hexachlorobutadiene	10.61	225	263444	22.098	ng/ul	97
32) Caprolactam	11.16	113	92686m	18.555	ng/ul	
33) 4-Chloro-3-methylphenol	11.55	107	330420	19.251	ng/ul	98
34) 2-Methylnaphthalene	11.92	142	789807	20.279	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.15	142	795354	20.408	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.30	216	452794	20.468	ng/ul	96
38) Hexachlorocyclopentadiene	12.30	237	369732	22.830	ng/ul	98
39) 2,4,6-Trichlorophenol	12.55	196	245028	18.713	ng/ul	99
40) 2,4,5-Trichlorophenol	12.62	196	272778	19.380	ng/ul	97
41) 1,1'-Biphenyl	12.96	154	1032036	19.951	ng/ul	99
42) 2-Chloronaphthalene	12.99	162	831943	20.067	ng/ul	98
43) 2-Nitroaniline	13.20	65	204616	20.341	ng/ul	99
45) Dimethylphthalate	13.60	163	1037562	20.878	ng/ul	99
46) 2,6-Dinitrotoluene	13.71	165	199770	22.411	ng/ul	90
48) Acenaphthylene	13.85	152	1307744	20.296	ng/ul	99
49) 3-Nitroaniline	14.03	138	142462	17.219	ng/ul#	95
50) Acenaphthene	14.20	153	869700	20.300	ng/ul	98
51) 2,4-Dinitrophenol	14.24	184	104896	27.392	ng/ul	96
53) 4-Nitrophenol	14.36	109	165705	22.248	ng/ul	93
54) Dibenzofuran	14.54	168	1238869	20.943	ng/ul	96
55) 2,4-Dinitrotoluene	14.50	165	294725	23.834	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.77	232	226692	20.144	ng/ul#	91
57) Diethylphthalate	14.99	149	1072073	21.940	ng/ul	100
59) Fluorene	15.19	166	1033736	21.158	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.20	204	552335	21.673	ng/ul	96
61) 4-Nitroaniline	15.20	138	163987	16.600	ng/ul	85
64) 4,6-Dinitro-2-methylphenol	15.27	198	115426	15.609	ng/ul	98
65) N-Nitrosodiphenylamine	15.41	169	835528	18.652	ng/ul	98
66) 4-Bromophenyl-phenylether	16.09	248	341622	20.149	ng/ul	96
67) Hexachlorobenzene	16.20	284	395639	20.079	ng/ul	95
68) Atrazine	16.37	200	309270	18.575	ng/ul	98
69) Pentachlorophenol	16.54	266	191818	17.913	ng/ul	97
70) Phenanthrene	16.93	178	1653167	20.119	ng/ul	100
72) Anthracene	17.02	178	1675939	19.905	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.92	216	446054	18.627	ng/uL	98
74) Pentachlorobenzene	14.46	250	452091	19.604	ng/uL	99
75) Carbazole	17.29	167	1430297	19.680	ng/ul	100
76) Di-n-butylphthalate	17.89	149	1765208	20.736	ng/ul	99
77) Fluoranthene	18.95	202	1972672	20.640	ng/ul	97
80) Pyrene	19.32	202	2092147	19.217	ng/ul	98
81) Butylbenzylphthalate	20.26	149	600227	15.318	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.02	252	462348	12.742	ng/ul	99
83) Benzo(a)anthracene	21.07	228	2140542	19.952	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	1053268	17.668	ng/ul	99
85) Chrysene	21.13	228	2070586	20.005	ng/ul	99
87) Di-n-octyl phthalate	21.92	149	1764746	17.220	ng/ul	100
88) Benzo(b)fluoranthene	22.60	252	2172952	19.292	ng/ul	99
89) Benzo(k)fluoranthene	22.64	252	2250391	20.379	ng/ul	98
91) Benzo(a)pyrene	23.13	252	2062349	19.750	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.32	276	2633748	19.573	ng/ul	99
93) Dibenzo(a,h)anthracene	25.33	278	2269429	19.890	ng/ul	100
94) Benzo(g,h,i)perylene	25.95	276	2183451	19.351	ng/ul	98

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

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