Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024872.D
Acq On : 14 Feb 2020 01:50
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02015

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2/17/2020 3:46:38 PM

Quant Time: Feb 14 07:19:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 14 05:59:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	362456	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	1332102	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	1206213	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	2689043	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	2559819	20.00	ng/ul	0.00
86) Perylene-d12	23.11	264	2838432	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.04	96	74393	9.87	ng/uL	0.00
5) Phenol-d5	6.59	99	544690	22.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	317785	23.37	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	469640	21.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	469479	23.11	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	216350	22.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	255823	22.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	568075	24.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	645982	30.08	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	1957198	21.50	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	2200735	20.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	338817	22.90	ng/ul	0.00
58) Fluorene-d10	15.04	176	1702523	21.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	369776	21.10	ng/ul	0.00
71) Anthracene-d10	16.90	188	2577578	21.00	ng/ul	0.00
79) Pyrene-d10	19.20	212	2873568	22.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.98	264	3061537	21.48	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.07	88	71871	9.044	ng/uL#	86
4) Benzaldehyde	6.55	77	234183	14.788	ng/ul	97
6) Phenol	6.62	94	590684	23.306	ng/ul	93
8) Bis(2-Chloroethyl)ether	6.84	93	468644	22.900	ng/ul	98
10) 2-Chlorophenol	6.97	128	491687	22.356	ng/ul	99
11) 2-Methylphenol	7.85	108	443342	22.537	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	7.93	45	237839	14.778	ng/ul#	73
14) Acetophenone	8.21	105	698026	21.802	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.20	70	370356	24.474	ng/ul#	83
16) 4-Methylphenol	8.17	108	506131	23.829	ng/ul	97
17) Hexachloroethane	8.45	117	212828	21.461	ng/ul	90
20) Nitrobenzene	8.57	77	534730	23.380	ng/ul	94
21) Isophorone	9.10	82	1268842	30.593	ng/ul	94
23) 2-Nitrophenol	9.27	139	276788	22.594	ng/ul	94
24) 2,4-Dimethylphenol	9.36	107	607950	26.564	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.59	93	649966	24.984	ng/ul	98
27) 2,4-Dichlorophenol	9.81	162	563146	24.835	ng/ul	97
28) Naphthalene	10.20	128	1422251	20.896	ng/ul	99
30) 4-Chloroaniline	10.32	127	667374	31.132	ng/ul	100
31) Hexachlorobutadiene	10.50	225	357524	18.981	ng/ul	99
32) Caprolactam	11.09	113	201929m	33.971	ng/ul	
33) 4-Chloro-3-methylphenol	11.46	107	675266	32.094	ng/ul	99
34) 2-Methylnaphthalene	11.82	142	1195666	23.848	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.05	142	1168185	23.363	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.21	216	793895	18.612	ng/ul	98
38) Hexachlorocyclopentadiene	12.19	237	443477	14.744	ng/ul	97
39) 2,4,6-Trichlorophenol	12.46	196	601088	22.894	ng/ul	96
40) 2,4,5-Trichlorophenol	12.53	196	648173	23.620	ng/ul	99
41) 1,1'-Biphenyl	12.87	154	1816759	20.403	ng/ul#	97
42) 2-Chloronaphthalene	12.90	162	1420235	19.534	ng/ul	99
43) 2-Nitroaniline	13.12	65	407985	26.612	ng/ul	96
45) Dimethylphthalate	13.52	163	2003418	21.092	ng/ul	99
46) 2,6-Dinitrotoluene	13.63	165	441688	22.997	ng/ul	97
48) Acenaphthylene	13.76	152	2267627	20.588	ng/ul	99
49) 3-Nitroaniline	13.96	138	376645	26.034	ng/ul	88
50) Acenaphthene	14.11	153	1588361	21.354	ng/ul	97
51) 2,4-Dinitrophenol	14.17	184	260967	22.303	ng/ul	98
53) 4-Nitrophenol	14.29	109	261300	21.625	ng/ul	90
54) Dibenzofuran	14.45	168	2365582	21.335	ng/ul	98
55) 2,4-Dinitrotoluene	14.43	165	608584	22.202	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.69	232	590188	22.010	ng/ul	98
57) Diethylphthalate	14.90	149	1940221	20.645	ng/ul	99
59) Fluorene	15.10	166	1929041	21.110	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.11	204	1069462	20.327	ng/ul	98
61) 4-Nitroaniline	15.13	138	387269	21.616	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.20	198	400165	21.329	ng/ul	99
65) N-Nitrosodiphenylamine	15.33	169	1687736	22.469	ng/ul	98
66) 4-Bromophenyl-phenylether	16.00	248	710919	21.099	ng/ul	99
67) Hexachlorobenzene	16.12	284	822627	20.658	ng/ul	100
68) Atrazine	16.30	200	603113	18.687	ng/ul	99
69) Pentachlorophenol	16.46	266	516703	21.685	ng/ul	98
70) Phenanthrene	16.84	178	3078643	20.998	ng/ul	100
72) Anthracene	16.93	178	3151678	21.195	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.83	216	849009	19.228	ng/uL	99
74) Pentachlorobenzene	14.37	250	964533	20.584	ng/uL	99
75) Carbazole	17.21	167	2642755	21.333	ng/ul	99
76) Di-n-butylphthalate	17.80	149	3218524	20.420	ng/ul	100
77) Fluoranthene	18.87	202	3676180	20.424	ng/ul#	95
80) Pyrene	19.23	202	3739847	22.072	ng/ul#	94
81) Butylbenzylphthalate	20.17	149	1459092	23.022	ng/ul	96
82) 3,3'-Dichlorobenzidine	20.94	252	1253681	20.952	ng/ul	98
83) Benzo(a)anthracene	21.00	228	3711988	21.528	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	20.97	149	2070820	20.642	ng/ul	98
85) Chrysene	21.05	228	3485229	20.531	ng/ul	100
87) Di-n-octyl phthalate	21.82	149	3518096	20.741	ng/ul	100
88) Benzo(b)fluoranthene	22.50	252	3762863	20.848	ng/ul	99
89) Benzo(k)fluoranthene	22.54	252	3711147	21.362	ng/ul	99
91) Benzo(a)pyrene	23.02	252	3533796	21.838	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.17	276	4289601	21.293	ng/ul	96
93) Dibenzo(a,h)anthracene	25.17	278	3653466	21.285	ng/ul	98
94) Benzo(g,h,i)perylene	25.79	276	3604940	21.516	ng/ul	99

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

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