Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011420\
Data File : BM024468.D
Acq On : 14 Jan 2020 13:34
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02016

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Quant Time: Jan 14 15:46:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 14 15:42:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	305073	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	1309859	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	924800	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	2114424	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	2273890	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	2377503	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	66126	9.35	ng/uL	0.00
5) Phenol-d5	6.66	99	454366	19.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	275911	19.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	398161	19.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	384121	20.07	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	208197	21.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	170357	18.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	422557	20.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	445752	19.13	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	1404670	21.15	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	1682111	19.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	215714	18.42	ng/ul	0.00
58) Fluorene-d10	15.12	176	1258858	21.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	166109	17.53	ng/ul	0.00
71) Anthracene-d10	16.97	188	1969945	19.89	ng/ul	0.00
79) Pyrene-d10	19.27	212	2308266	19.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	2408862	19.84	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	64101	9.016	ng/uL#	86
4) Benzaldehyde	6.62	77	197063	14.958	ng/ul	95
6) Phenol	6.69	94	468603	19.301	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.92	93	383014	20.130	ng/ul	99
10) 2-Chlorophenol	7.05	128	399326	19.894	ng/ul	92
11) 2-Methylphenol	7.92	108	357227	19.561	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.01	45	476339	18.611	ng/ul	97
14) Acetophenone	8.29	105	673113	22.871	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.28	70	323013	21.700	ng/ul	94
16) 4-Methylphenol	8.25	108	405819	20.757	ng/ul	95
17) Hexachloroethane	8.54	117	182072	20.805	ng/ul	96
20) Nitrobenzene	8.65	77	503941	20.884	ng/ul	97
21) Isophorone	9.18	82	941245	21.371	ng/ul	98
23) 2-Nitrophenol	9.36	139	195130	18.800	ng/ul	99
24) 2,4-Dimethylphenol	9.44	107	472624	20.009	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.67	93	522818	19.820	ng/ul	100
27) 2,4-Dichlorophenol	9.89	162	422399	21.358	ng/ul	97
28) Naphthalene	10.29	128	1385456	20.463	ng/ul	99
30) 4-Chloroaniline	10.39	127	439336	19.271	ng/ul	98
31) Hexachlorobutadiene	10.59	225	328499	22.880	ng/ul	97
32) Caprolactam	11.15	113	119253m	19.824	ng/ul	
33) 4-Chloro-3-methylphenol	11.54	107	425061	20.564	ng/ul	98
34) 2-Methylnaphthalene	11.91	142	1006716	21.464	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.13	142	1014792	21.622	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	602444	19.854	ng/ul	96
38) Hexachlorocyclopentadiene	12.28	237	416818	18.764	ng/ul	97
39) 2,4,6-Trichlorophenol	12.54	196	338406	18.842	ng/ul	96
40) 2,4,5-Trichlorophenol	12.60	196	355599	18.420	ng/ul	96
41) 1,1'-Biphenyl	12.95	154	1362560	19.204	ng/ul	97
42) 2-Chloronaphthalene	12.98	162	1103673	19.409	ng/ul	99
43) 2-Nitroaniline	13.19	65	276483	20.039	ng/ul	97
45) Dimethylphthalate	13.59	163	1436543	21.075	ng/ul	100
46) 2,6-Dinitrotoluene	13.70	165	278160	22.751	ng/ul	94
48) Acenaphthylene	13.83	152	1749883	19.800	ng/ul	100
49) 3-Nitroaniline	14.02	138	183556	16.175	ng/ul	93
50) Acenaphthene	14.19	153	1168976	19.893	ng/ul	98
51) 2,4-Dinitrophenol	14.23	184	92980	17.702	ng/ul	94
53) 4-Nitrophenol	14.35	109	220109	21.545	ng/ul	90
54) Dibenzofuran	14.52	168	1698571	20.935	ng/ul	94
55) 2,4-Dinitrotoluene	14.49	165	431370	25.433	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.76	232	331938	21.504	ng/ul#	90
57) Diethylphthalate	14.98	149	1519552	22.672	ng/ul	99
59) Fluorene	15.17	166	1450454	21.644	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.19	204	783858	22.424	ng/ul	96
61) 4-Nitroaniline	15.19	138	216395m	15.970	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.26	198	183282	17.660	ng/ul	98
65) N-Nitrosodiphenylamine	15.40	169	1178463	18.746	ng/ul	98
66) 4-Bromophenyl-phenylether	16.07	248	485991	20.424	ng/ul	94
67) Hexachlorobenzene	16.19	284	553767	20.026	ng/ul	98
68) Atrazine	16.36	200	465703	19.930	ng/ul	99
69) Pentachlorophenol	16.53	266	272356	18.123	ng/ul	96
70) Phenanthrene	16.91	178	2324390	20.157	ng/ul	99
72) Anthracene	17.00	178	2382763	20.165	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	587075	17.469	ng/uL	100
74) Pentachlorobenzene	14.45	250	635927	19.649	ng/uL	98
75) Carbazole	17.27	167	2026872	19.872	ng/ul	99
76) Di-n-butylphthalate	17.87	149	2635138	22.057	ng/ul	99
77) Fluoranthene	18.94	202	2895654	21.589	ng/ul#	95
80) Pyrene	19.30	202	2998413	19.071	ng/ul	97
81) Butylbenzylphthalate	20.24	149	923253	16.315	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.00	252	703213	13.419	ng/ul	99
83) Benzo(a)anthracene	21.06	228	3056992	19.730	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	1625788	18.883	ng/ul	98
85) Chrysene	21.12	228	2929159	19.596	ng/ul	99
87) Di-n-octyl phthalate	21.90	149	2742431	20.765	ng/ul	100
88) Benzo(b)fluoranthene	22.58	252	2974462	20.491	ng/ul	99
89) Benzo(k)fluoranthene	22.62	252	2978971	20.933	ng/ul	99
91) Benzo(a)pyrene	23.12	252	2690044	19.989	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.29	276	2918505	16.830	ng/ul	99
93) Dibenzo(a,h)anthracene	25.30	278	2498391	16.992	ng/ul	99
94) Benzo(g,h,i)perylene	25.92	276	2344762	16.125	ng/ul	98

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

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