Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM121719\
Data File : BM024122.D
Acq On : 17 Dec 2019 14:40
Operator : JU
Sample : SSTD08007
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD080070

Quant Time: Dec 17 15:12:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 17 14:04:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	303880	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	1430605	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	967374	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	2118193	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	2141049	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	2437672	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.00	96	234492	34.33	ng/uL	0.00
5) Phenol-d5	6.65	99	2480428	93.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	1423587	91.90	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	1815677	88.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	2010506	95.68	ng/ul	0.01
19) Nitrobenzene-d5	8.61	128	917827	82.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	1060640	84.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	1987557	83.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	2262418	86.26	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	5909836	78.62	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	7329694	83.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	1150740	91.06	ng/ul	0.01
58) Fluorene-d10	15.12	176	5184900	81.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	1178951	88.66	ng/ul	0.01
71) Anthracene-d10	16.97	188	7990134	78.98	ng/ul	0.00
79) Pyrene-d10	19.28	212	8598075	77.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	10472235	81.27	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	245319	33.492	ng/uL#	89
4) Benzaldehyde	6.61	77	1595285	113.734	ng/ul	97
6) Phenol	6.68	94	2545885	92.924	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.90	93	1909947	89.657	ng/ul	99
10) 2-Chlorophenol	7.03	128	1839047	87.309	ng/ul	96
11) 2-Methylphenol	7.91	108	1891799	92.564	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.99	45	2153447	93.100	ng/ul	99
14) Acetophenone	8.28	105	2970474	92.465	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.29	70	1666235	97.004	ng/ul	99
16) 4-Methylphenol	8.25	108	2073717	93.236	ng/ul	100
17) Hexachloroethane	8.51	117	732193	84.272	ng/ul	98
20) Nitrobenzene	8.65	77	2428178	90.019	ng/ul	97
21) Isophorone	9.19	82	4636716	90.547	ng/ul	100
23) 2-Nitrophenol	9.36	139	1130398	84.662	ng/ul	97
24) 2,4-Dimethylphenol	9.43	107	2304731	85.543	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.66	93	2764118	86.037	ng/ul	99
27) 2,4-Dichlorophenol	9.89	162	1908054	83.083	ng/ul	99
28) Naphthalene	10.27	128	6164353	81.733	ng/ul	100
30) 4-Chloroaniline	10.40	127	2280126	84.484	ng/ul	99
31) Hexachlorobutadiene	10.56	225	1089227	75.112	ng/ul	99
32) Caprolactam	11.22	113	379930	54.786	ng/ul	93
33) 4-Chloro-3-methylphenol	11.55	107	2249841	92.561	ng/ul	99
34) 2-Methylnaphthalene	11.90	142	4511363	82.378	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.13	142	4538683	84.415 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.28	216	2219696	73.564 ng/ul	99
38) Hexachlorocyclopentadiene	12.26	237	1181016	83.996 ng/ul	97
39) 2,4,6-Trichlorophenol	12.54	196	1569732	79.859 ng/ul	99
40) 2,4,5-Trichlorophenol	12.62	196	1669076	79.875 ng/ul	96
41) 1,1'-Biphenyl	12.94	154	5961594	76.273 ng/ul	99
42) 2-Chloronaphthalene	12.98	162	4737806	79.219 ng/ul	99
43) 2-Nitroaniline	13.20	65	1547062	99.522 ng/ul	97
45) Dimethylphthalate	13.60	163	6095139	82.839 ng/ul	99
46) 2,6-Dinitrotoluene	13.72	165	1363291	94.701 ng/ul	97
48) Acenaphthylene	13.84	152	7635166	85.710 ng/ul	99
49) 3-Nitroaniline	14.05	138	1222625	90.817 ng/ul	100
50) Acenaphthene	14.18	153	5179110	81.836 ng/ul	99
51) 2,4-Dinitrophenol	14.27	184	820344	106.901 ng/ul#	90
53) 4-Nitrophenol	14.39	109	901598	96.825 ng/ul	94
54) Dibenzofuran	14.53	168	7122231	79.542 ng/ul	99
55) 2,4-Dinitrotoluene	14.52	165	2004504	95.731 ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.76	232	1539038	83.609 ng/ul	97
57) Diethylphthalate	14.97	149	6306833	85.661 ng/ul	99
59) Fluorene	15.18	166	6110441	84.617 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.18	204	2973572	81.735 ng/ul	98
61) 4-Nitroaniline	15.23	138	1406074	92.586 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.29	198	1230778	86.189 ng/ul#	91
65) N-Nitrosodiphenylamine	15.40	169	5165227	77.002 ng/ul	99
66) 4-Bromophenyl-phenylether	16.07	248	1965229	76.102 ng/ul	94
67) Hexachlorobenzene	16.19	284	2352396	78.593 ng/ul	96
68) Atrazine	16.37	200	1940510	82.519 ng/ul	99
69) Pentachlorophenol	16.53	266	1319442	77.793 ng/ul	98
70) Phenanthrene	16.92	178	9705281	81.107 ng/ul	99
72) Anthracene	17.01	178	9826722	80.886 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	2262008	71.003 ng/uL	99
74) Pentachlorobenzene	14.45	250	2463788	71.920 ng/uL	97
75) Carbazole	17.29	167	8814959	83.795 ng/ul	99
76) Di-n-butylphthalate	17.86	149	10672209	81.586 ng/ul	98
77) Fluoranthene	18.94	202	11227659	87.493 ng/ul	99
80) Pyrene	19.32	202	11282409	78.210 ng/ul	100
81) Butylbenzylphthalate	20.24	149	5169650	84.352 ng/ul	94
82) 3,3'-Dichlorobenzidine	21.02	252	4268262	78.845 ng/ul	99
83) Benzo(a)anthracene	21.07	228	11112563	77.651 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.02	149	7457115	81.865 ng/ul	96
85) Chrysene	21.13	228	10702112	79.634 ng/ul	94
87) Di-n-octyl phthalate	21.87	149	11609902	81.450 ng/ul	100
88) Benzo(b)fluoranthene	22.60	252	12583236	83.470 ng/ul	98
89) Benzo(k)fluoranthene	22.64	252	11796326	82.431 ng/ul	99
91) Benzo(a)pyrene	23.14	252	11154126	78.254 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.35	276	13181277	74.474 ng/ul	99
93) Dibenzo(a,h)anthracene	25.36	278	11159792	75.067 ng/ul	99
94) Benzo(g,h,i)perylene	25.99	276	10488047	70.756 ng/ul	100

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

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