Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032219\
Data File : BM019310.D
Acq On : 22 Mar 2019 13:26
Operator : JU/SJ
Sample : SSTD01053
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD01053

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3/25/2019 6:35:54 PM

Quant Time: Mar 22 16:28:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 22 16:14:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	112298	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	497911	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	272292	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	578691	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	645522	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	699415	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	11646	4.43	ng/uL	0.00
5) Phenol-d5	6.80	99	92558	9.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	63119	10.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	74914	9.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	74258	10.13	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	33801	10.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	36583	12.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	72155	9.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	83441	9.14	ng/ul	0.01
44) Dimethylphthalate-d6	13.69	166	226053	10.34	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	269871	9.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	23774	6.63	ng/ul	0.01
58) Fluorene-d10	15.27	176	190076	9.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	29116	12.26	ng/ul	0.00
71) Anthracene-d10	17.13	188	273081	9.78	ng/ul	0.00
79) Pyrene-d10	19.44	212	294975	9.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	368625	10.10	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	13823	5.058	ng/uL#	94
4) Benzaldehyde	6.79	77	71978	13.503	ng/ul	97
6) Phenol	6.83	94	98908	10.461	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.06	93	75472	10.368	ng/ul	98
10) 2-Chlorophenol	7.18	128	75312	9.700	ng/ul	97
11) 2-Methylphenol	8.07	108	68736	9.700	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.13	45	77362m	6.720	ng/ul	
14) Acetophenone	8.45	105	122824	10.812	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.42	70	70414	12.387	ng/ul#	87
16) 4-Methylphenol	8.40	108	81664	10.903	ng/ul	94
17) Hexachloroethane	8.67	117	33022	10.828	ng/ul#	80
20) Nitrobenzene	8.83	77	103853	12.549	ng/ul	96
21) Isophorone	9.35	82	176030	10.703	ng/ul	99
23) 2-Nitrophenol	9.53	139	40049	11.663	ng/ul	92
24) 2,4-Dimethylphenol	9.59	107	95143	10.737	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.83	93	109567	10.778	ng/ul	96
27) 2,4-Dichlorophenol	10.06	162	73121	10.069	ng/ul	95
28) Naphthalene	10.45	128	262590	10.256	ng/ul	98
30) 4-Chloroaniline	10.59	127	92043	10.082	ng/ul	99
31) Hexachlorobutadiene	10.71	225	46070	9.399	ng/ul	94
32) Caprolactam	11.40	113	19055m	8.297	ng/ul	
33) 4-Chloro-3-methylphenol	11.71	107	82208	10.801	ng/ul	97
34) 2-Methylnaphthalene	12.07	142	190078	10.537	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.29	142	181216	10.046	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.44	216	87530	9.360	ng/ul#	94
38) Hexachlorocyclopentadiene	12.40	237	29442	5.056	ng/ul#	96
39) 2,4,6-Trichlorophenol	12.70	196	54013	10.143	ng/ul	98
40) 2,4,5-Trichlorophenol	12.78	196	55816	9.604	ng/ul	99
41) 1,1'-Biphenyl	13.10	154	244315	10.786	ng/ul#	94
42) 2-Chloronaphthalene	13.14	162	184754	10.422	ng/ul	98
43) 2-Nitroaniline	13.38	65	45770	11.720	ng/ul	85
45) Dimethylphthalate	13.74	163	225255	10.542	ng/ul#	98
46) 2,6-Dinitrotoluene	13.87	165	36550	11.137	ng/ul#	87
48) Acenaphthylene	14.00	152	274100	10.255	ng/ul	98
49) 3-Nitroaniline	14.22	138	34392	9.637	ng/ul#	93
50) Acenaphthene	14.34	153	194658	10.258	ng/ul	100
51) 2,4-Dinitrophenol	14.44	184	13549	9.229	ng/ul#	84
53) 4-Nitrophenol	14.53	109	19418	7.023	ng/ul#	71
54) Dibenzofuran	14.68	168	273925	10.521	ng/ul	96
55) 2,4-Dinitrotoluene	14.67	165	56870	11.784	ng/ul#	48
56) 2,3,4,6-Tetrachlorophenol	14.91	232	47620	10.131	ng/ul#	80
57) Diethylphthalate	15.11	149	216099	10.208	ng/ul	96
59) Fluorene	15.33	166	208880	9.766	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.33	204	105104	9.691	ng/ul	94
61) 4-Nitroaniline	15.39	138	35341m	8.062	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.43	198	31779	11.930	ng/ul#	84
65) N-Nitrosodiphenylamine	15.54	169	176665	9.869	ng/ul	98
66) 4-Bromophenyl-phenylether	16.23	248	61498	9.393	ng/ul	96
67) Hexachlorobenzene	16.33	284	74834	10.620	ng/ul	94
68) Atrazine	16.51	200	56989	9.008	ng/ul	94
69) Pentachlorophenol	16.69	266	29741	7.805	ng/ul	97
70) Phenanthrene	17.07	178	332727	10.351	ng/ul	100
72) Anthracene	17.17	178	335807	10.176	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	83754	8.745	ng/uL	96
74) Pentachlorobenzene	14.59	250	89230	10.328	ng/uL	98
75) Carbazole	17.45	167	279916	9.649	ng/ul	97
76) Di-n-butylphthalate	18.00	149	316451	9.376	ng/ul	99
77) Fluoranthene	19.10	202	360144	9.774	ng/ul#	88
80) Pyrene	19.47	202	389024	9.815	ng/ul#	84
81) Butylbenzylphthalate	20.37	149	141251	9.636	ng/ul#	86
82) 3,3'-Dichlorobenzidine	21.17	252	132193	10.337	ng/ul#	97
83) Benzo(a)anthracene	21.22	228	387606	9.699	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.14	149	202356	8.784	ng/ul#	95
85) Chrysene	21.27	228	375482	10.075	ng/ul	99
87) Di-n-octyl phthalate	22.02	149	367032	8.734	ng/ul	100
88) Benzo(b)fluoranthene	22.79	252	424114	10.131	ng/ul#	97
89) Benzo(k)fluoranthene	22.84	252	403986	10.050	ng/ul#	97
91) Benzo(a)pyrene	23.36	252	412949	10.348	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.70	276	500643	10.517	ng/ul#	88
93) Dibenzo(a,h)anthracene	25.71	278	432178	10.853	ng/ul#	95
94) Benzo(g,h,i)perylene	26.39	276	426646	10.809	ng/ul#	93

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

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