Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032219\
Data File : BM019314.D
Acq On : 22 Mar 2019 15:51
Operator : JU/SJ
Sample : SSTD16057
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16057

Quant Time: Mar 22 16:25:41 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	128131	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	531686	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	263042	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	541991	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	672675	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	718191	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	227629	75.97	ng/uL	0.00
5) Phenol-d5	6.80	99	1973179	182.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	1278238	190.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	1569712	177.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	1399253	167.32	ng/ul	0.01
19) Nitrobenzene-d5	8.79	128	637099	182.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	786961	247.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	1400699	173.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	1460268	149.86	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	3498547	165.65	ng/ul	0.01
47) Acenaphthylene-d8	13.97	160	4598084	168.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	645891	186.34	ng/ul	0.02
58) Fluorene-d10	15.28	176	3030538	164.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	693894	311.87	ng/ul	0.01
71) Anthracene-d10	17.14	188	4563652	174.52	ng/ul	0.00
79) Pyrene-d10	19.44	212	4965254	152.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	6664614	177.89	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	247781	79.469	ng/uL#	86
4) Benzaldehyde	6.78	77	1114729	183.282	ng/ul	97
6) Phenol	6.83	94	2000382	185.429	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.06	93	1545869	186.116	ng/ul	98
10) 2-Chlorophenol	7.19	128	1486412	167.782	ng/ul	99
11) 2-Methylphenol	8.07	108	1422165	175.898	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	14163	1.078	ng/ul#	1
14) Acetophenone	8.46	105	2252300	173.768	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.46	70	1302488	200.816	ng/ul#	87
16) 4-Methylphenol	8.41	108	1419152	166.053	ng/ul	96
17) Hexachloroethane	8.67	117	625254	179.686	ng/ul	85
20) Nitrobenzene	8.83	77	1718440	194.458	ng/ul	98
21) Isophorone	9.36	82	3029079	172.475	ng/ul	99
23) 2-Nitrophenol	9.53	139	814792	222.207	ng/ul	96
24) 2,4-Dimethylphenol	9.59	107	1630845	172.357	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.83	93	2017719	185.867	ng/ul	98
27) 2,4-Dichlorophenol	10.06	162	1369722	176.632	ng/ul	96
28) Naphthalene	10.45	128	4537093	165.957	ng/ul	99
30) 4-Chloroaniline	10.59	127	1502727	154.141	ng/ul	98
31) Hexachlorobutadiene	10.71	225	826888	157.974	ng/ul	98
32) Caprolactam	11.42	113	221461	90.304	ng/ul	85
33) 4-Chloro-3-methylphenol	11.72	107	1442968	177.542	ng/ul	98
34) 2-Methylnaphthalene	12.07	142	3075614	159.665	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	2850556	147.982 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	1502398	166.308 ng/ul#	97
38) Hexachlorocyclopentadiene	12.40	237	942668	167.590 ng/ul#	98
39) 2,4,6-Trichlorophenol	12.70	196	984816	191.442 ng/ul	98
40) 2,4,5-Trichlorophenol	12.77	196	1033509	184.092 ng/ul	98
41) 1,1'-Biphenyl	13.10	154	3755849	171.638 ng/ul#	95
42) 2-Chloronaphthalene	13.15	162	2922531	170.656 ng/ul	98
43) 2-Nitroaniline	13.38	65	917487	243.206 ng/ul	93
45) Dimethylphthalate	13.75	163	3472438	168.226 ng/ul	98
46) 2,6-Dinitrotoluene	13.89	165	771671	243.402 ng/ul	98
48) Acenaphthylene	14.00	152	4438348	171.895 ng/ul	99
49) 3-Nitroaniline	14.22	138	600091	174.062 ng/ul	95
50) Acenaphthene	14.35	153	3091464	168.639 ng/ul	99
51) 2,4-Dinitrophenol	14.43	184	506695	357.292 ng/ul#	85
53) 4-Nitrophenol	14.55	109	486411	182.105 ng/ul#	75
54) Dibenzofuran	14.69	168	4295061	170.768 ng/ul	95
55) 2,4-Dinitrotoluene	14.68	165	1116949	239.587 ng/ul#	72
56) 2,3,4,6-Tetrachlorophenol	14.92	232	867194	190.973 ng/ul#	86
57) Diethylphthalate	15.12	149	3453450	168.876 ng/ul	97
59) Fluorene	15.34	166	3533389	171.002 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	1742868	166.355 ng/ul	96
61) 4-Nitroaniline	15.40	138	703209	166.049 ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.45	198	723667	290.068 ng/ul#	97
65) N-Nitrosodiphenylamine	15.56	169	2948512	175.871 ng/ul	99
66) 4-Bromophenyl-phenylether	16.23	248	1051114	171.410 ng/ul	97
67) Hexachlorobenzene	16.33	284	1222917	185.306 ng/ul	93
68) Atrazine	16.52	200	1032878	174.316 ng/ul	96
69) Pentachlorophenol	16.69	266	731002	204.836 ng/ul	97
70) Phenanthrene	17.08	178	5204165	172.862 ng/ul	100
72) Anthracene	17.17	178	5497787	177.874 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	1409171	157.092 ng/uL	99
74) Pentachlorobenzene	14.59	250	1400908	173.127 ng/uL	98
75) Carbazole	17.46	167	4889229	179.947 ng/ul	98
76) Di-n-butylphthalate	18.00	149	6011206	190.157 ng/ul	100
77) Fluoranthene	19.11	202	6181743	179.124 ng/ul#	87
80) Pyrene	19.47	202	6390770	154.725 ng/ul#	80
81) Butylbenzylphthalate	20.38	149	3106212	203.351 ng/ul	92
82) 3,3'-Dichlorobenzidine	21.17	252	2150725	161.398 ng/ul#	98
83) Benzo(a)anthracene	21.23	228	6829927	164.010 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.15	149	4615554	192.266 ng/ul	98
85) Chrysene	21.29	228	6358021	163.717 ng/ul	100
87) Di-n-octyl phthalate	22.03	149	8007480	185.572 ng/ul	100
88) Benzo(b)fluoranthene	22.81	252	7452179	173.358 ng/ul#	96
89) Benzo(k)fluoranthene	22.85	252	7240913	175.420 ng/ul#	95
91) Benzo(a)pyrene	23.39	252	7283378	177.749 ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.74	276	9404209	192.395 ng/ul#	82
93) Dibenzo(a,h)anthracene	25.75	278	8070657	197.383 ng/ul#	96
94) Benzo(g,h,i)perylene	26.43	276	7555879	186.418 ng/ul#	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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