Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032619\
Data File : BM019487.D
Acq On : 27 Mar 2019 01:23
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02074

Manual Integrations APPROVED
Sohil
3/27/2019 5:46:36 PM

Quant Time: Mar 27 05:13:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 27 03:30:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	159497	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	694493	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	416400	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	926972	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	965951	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	922948	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	28288	6.94	ng/uL	0.00
5) Phenol-d5	6.78	99	263699	18.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	166634	17.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	209487	19.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	205457	19.27	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	94852	19.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	112155	20.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	217254	20.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	250293	20.03	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	623758	18.57	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	797875	18.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	92672	17.60	ng/ul	0.00
58) Fluorene-d10	15.26	176	554861	19.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	101987	16.64	ng/ul	0.00
71) Anthracene-d10	17.12	188	849734	19.10	ng/ul	0.00
79) Pyrene-d10	19.42	212	893526	20.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	920101	18.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	31074	6.704	ng/uL#	87
4) Benzaldehyde	6.77	77	191035	18.777	ng/ul	97
6) Phenol	6.80	94	273686	18.466	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.05	93	204925	18.073	ng/ul	97
10) 2-Chlorophenol	7.16	128	215143	19.660	ng/ul	98
11) 2-Methylphenol	8.05	108	199357	19.286	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.13	45	182893m	17.017	ng/ul	
14) Acetophenone	8.43	105	326233	18.789	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.41	70	178698	18.366	ng/ul#	86
16) 4-Methylphenol	8.37	108	217077	19.148	ng/ul	99
17) Hexachloroethane	8.65	117	81944	17.817	ng/ul	89
20) Nitrobenzene	8.81	77	258834	17.551	ng/ul	98
21) Isophorone	9.32	82	466153	18.425	ng/ul	98
23) 2-Nitrophenol	9.52	139	120875	19.873	ng/ul#	90
24) 2,4-Dimethylphenol	9.57	107	244970	18.535	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.81	93	284527	18.637	ng/ul	99
27) 2,4-Dichlorophenol	10.04	162	205524	19.991	ng/ul	97
28) Naphthalene	10.43	128	671334	18.660	ng/ul	98
30) 4-Chloroaniline	10.56	127	259339	19.716	ng/ul	95
31) Hexachlorobutadiene	10.69	225	127459	19.652	ng/ul	97
32) Caprolactam	11.37	113	59329m	19.436	ng/ul	
33) 4-Chloro-3-methylphenol	11.69	107	220525	19.900	ng/ul	96
34) 2-Methylnaphthalene	12.05	142	484634	19.224	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.27	142	456578	19.181	ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	252990	19.093	ng/ul#	97
38) Hexachlorocyclopentadiene	12.39	237	146240	21.517	ng/ul#	97
39) 2,4,6-Trichlorophenol	12.68	196	165610	20.033	ng/ul	98
40) 2,4,5-Trichlorophenol	12.76	196	176774	19.939	ng/ul	98
41) 1,1'-Biphenyl	13.08	154	639698	18.037	ng/ul#	95
42) 2-Chloronaphthalene	13.12	162	499172	18.379	ng/ul	100
43) 2-Nitroaniline	13.36	65	133065	17.840	ng/ul	98
45) Dimethylphthalate	13.73	163	623439	18.494	ng/ul	99
46) 2,6-Dinitrotoluene	13.86	165	122748	19.834	ng/ul	98
48) Acenaphthylene	13.98	152	775759	18.630	ng/ul	99
49) 3-Nitroaniline	14.20	138	117499	19.403	ng/ul	99
50) Acenaphthene	14.32	153	534285	18.219	ng/ul	98
51) 2,4-Dinitrophenol	14.41	184	79830	22.279	ng/ul#	89
53) 4-Nitrophenol	14.51	109	67068	16.271	ng/ul#	74
54) Dibenzofuran	14.66	168	764881	18.677	ng/ul	94
55) 2,4-Dinitrotoluene	14.66	165	185298	20.220	ng/ul#	71
56) 2,3,4,6-Tetrachlorophenol	14.89	232	154584	20.699	ng/ul#	88
57) Diethylphthalate	15.09	149	609693	18.387	ng/ul	97
59) Fluorene	15.32	166	617665	19.032	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.31	204	313594	19.370	ng/ul	96
61) 4-Nitroaniline	15.37	138	125392	18.969	ng/ul	87
64) 4,6-Dinitro-2-methylphenol	15.42	198	110408	17.012	ng/ul	98
65) N-Nitrosodiphenylamine	15.53	169	534880	18.547	ng/ul	98
66) 4-Bromophenyl-phenylether	16.21	248	193933	19.265	ng/ul	99
67) Hexachlorobenzene	16.31	284	229751	18.848	ng/ul	94
68) Atrazine	16.49	200	187674	18.596	ng/ul	96
69) Pentachlorophenol	16.67	266	153104	24.030	ng/ul	96
70) Phenanthrene	17.06	178	966420	18.388	ng/ul	100
72) Anthracene	17.15	178	997430	18.602	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.04	216	245399	18.260	ng/uL	99
74) Pentachlorobenzene	14.57	250	259456	18.457	ng/uL	96
75) Carbazole	17.43	167	869116	18.073	ng/ul	99
76) Di-n-butylphthalate	17.99	149	1020483	19.145	ng/ul	99
77) Fluoranthene	19.09	202	1109656	18.425	ng/ul#	90
80) Pyrene	19.45	202	1144268	19.691	ng/ul#	87
81) Butylbenzylphthalate	20.36	149	459347	19.963	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.14	252	385267	18.360	ng/ul#	98
83) Benzo(a)anthracene	21.20	228	1099311	18.908	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.13	149	682621	20.468	ng/ul	98
85) Chrysene	21.26	228	1032353	18.505	ng/ul	99
87) Di-n-octyl phthalate	22.00	149	1163171	20.205	ng/ul	100
88) Benzo(b)fluoranthene	22.77	252	1046579	18.616	ng/ul#	97
89) Benzo(k)fluoranthene	22.81	252	1059482	19.624	ng/ul#	97
91) Benzo(a)pyrene	23.33	252	1000435	18.615	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.66	276	1139778	16.936	ng/ul#	88
93) Dibenzo(a,h)anthracene	25.67	278	975616	17.004	ng/ul#	97
94) Benzo(g,h,i)perylene	26.34	276	938980	16.696	ng/ul#	95

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

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