Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072619\
Data File : BM021675.D
Acq On : 26 Jul 2019 17:26
Operator : HP/JU
Sample : SSTD08038
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD08038

Manual Integrations APPROVED
mohammad
7/29/2019 5:28:11 PM

Quant Time: Jul 26 18:04:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 26 16:40:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	136182	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	563363	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	357190	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	704741	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	659610	20.00	ng/ul	0.00
85) Perylene-d12	23.51	264	692389	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	89876	35.98	ng/uL	0.00
5) Phenol-d5	6.86	99	859423	74.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	483344	72.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	718116	79.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	718816	72.86	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	360452	86.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	418870	93.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	851954	85.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	792987	81.95	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2234578	73.01	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	2732650	73.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	361240	68.81	ng/ul	0.00
57) Fluorene-d10	15.33	176	1956806	70.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	411274	93.19	ng/ul	0.01
70) Anthracene-d10	17.19	188	2953644	85.18	ng/ul	0.00
78) Pyrene-d10	19.48	212	3053241	94.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	3118842	84.37	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	90070	31.781	ng/uL	96
4) Benzaldehyde	6.85	77	402788	82.731	ng/ul	96
6) Phenol	6.89	94	912561	82.122	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.13	93	679254	82.650	ng/ul	98
10) 2-Chlorophenol	7.25	128	771701	88.335	ng/ul	97
11) 2-Methylphenol	8.13	108	706814	81.310	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.22	45	854249	78.472	ng/ul	99
14) Acetophenone	8.52	105	1161674	78.447	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.51	70	594061	81.548	ng/ul	97
16) 4-Methylphenol	8.47	108	779851	81.232	ng/ul	97
17) Hexachloroethane	8.74	117	333881	85.828	ng/ul	96
20) Nitrobenzene	8.89	77	916072	88.871	ng/ul	98
21) Isophorone	9.42	82	1674991	85.590	ng/ul	99
23) 2-Nitrophenol	9.59	139	461391	99.188	ng/ul	98
24) 2,4-Dimethylphenol	9.65	107	916232	89.942	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.89	93	1001493	86.798	ng/ul	99
27) 2,4-Dichlorophenol	10.12	162	845217	90.651	ng/ul	98
28) Naphthalene	10.52	128	2488349	87.159	ng/ul	100
30) 4-Chloroaniline	10.65	127	851405	90.230	ng/ul	98
31) Hexachlorobutadiene	10.78	225	611685	92.910	ng/ul	100
32) Caprolactam	11.47	113	209672m	71.984	ng/ul	
33) 4-Chloro-3-methylphenol	11.77	107	825759	83.001	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	1861749	84.337	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	1159380	94.107	ng/ul	98
37) Hexachlorocyclopentadiene	12.46	237	703956	119.267	ng/ul	99
38) 2,4,6-Trichlorophenol	12.75	196	719948	95.155	ng/ul	98
39) 2,4,5-Trichlorophenol	12.83	196	776574	94.305	ng/ul	99
40) 1,1'-Biphenyl	13.16	154	2448832	88.575	ng/ul	100
41) 2-Chloronaphthalene	13.20	162	1925164	87.270	ng/ul	99
42) 2-Nitroaniline	13.43	65	500313	101.445	ng/ul	93
44) Dimethylphthalate	13.80	163	2300012	78.284	ng/ul	100
45) 2,6-Dinitrotoluene	13.93	165	477671	98.057	ng/ul	92
47) Acenaphthylene	14.05	152	2871471	86.932	ng/ul	100
48) 3-Nitroaniline	14.26	138	344097	71.285	ng/ul	89
49) Acenaphthene	14.40	153	1980270	81.740	ng/ul	99
50) 2,4-Dinitrophenol	14.47	184	276156	88.518	ng/ul	96
52) 4-Nitrophenol	14.58	109	320787	77.355	ng/ul	99
53) Dibenzofuran	14.73	168	2879386	80.500	ng/ul	98
54) 2,4-Dinitrotoluene	14.72	165	696420	84.146	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.96	232	679729	86.634	ng/ul	95
56) Diethylphthalate	15.17	149	2220054	77.963	ng/ul	97
58) Fluorene	15.39	166	2331972	78.824	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.38	204	1326293	80.657	ng/ul	95
60) 4-Nitroaniline	15.44	138	354850	67.345	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.49	198	451830	103.559	ng/ul#	95
64) N-Nitrosodiphenylamine	15.60	169	1954228	102.045	ng/ul	99
65) 4-Bromophenyl-phenylether	16.27	248	829253	104.853	ng/ul	98
66) Hexachlorobenzene	16.38	284	921567	95.515	ng/ul	97
67) Atrazine	16.56	200	701287	98.695	ng/ul	98
68) Pentachlorophenol	16.73	266	553553	100.820	ng/ul	97
69) Phenanthrene	17.13	178	3453517	89.819	ng/ul	100
71) Anthracene	17.22	178	3607091	92.760	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.12	216	1135209	120.309	ng/uL	100
73) Pentachlorobenzene	14.65	250	1124119	105.840	ng/uL	97
74) Carbazole	17.50	167	2919666	87.549	ng/ul	99
75) Di-n-butylphthalate	18.05	149	3436175	98.074	ng/ul	99
76) Fluoranthene	19.14	202	3997854	83.874	ng/ul	100
79) Pyrene	19.51	202	4033219	102.648	ng/ul	99
80) Butylbenzylphthalate	20.42	149	1419815	115.198	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.20	252	1074527	82.760	ng/ul#	99
82) Benzo(a)anthracene	21.26	228	3877393	89.669	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.18	149	2024299	112.292	ng/ul	99
84) Chrysene	21.32	228	3670002	88.996	ng/ul	100
86) Di-n-octyl phthalate	22.06	149	3392914	108.363	ng/ul	100
87) Benzo(b)fluoranthene	22.84	252	3866335	92.362	ng/ul	99
88) Benzo(k)fluoranthene	22.89	252	3840878	93.531	ng/ul	100
90) Benzo(a)pyrene	23.42	252	3711786	92.343	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.77	276	4539058	92.986	ng/ul	98
92) Dibenzo(a,h)anthracene	25.77	278	3817739	92.992	ng/ul	99
93) Benzo(g,h,i)perylene	26.46	276	3700363	93.599	ng/ul	99

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

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