Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082219\
Data File : BM022240.D
Acq On : 22 Aug 2019 16:07
Operator : HP/JU
Sample : SSTD00540
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD00540

Manual Integrations APPROVED
mohammad
8/26/2019 8:28:42 AM

Quant Time: Aug 22 18:33:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 22 18:08:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	22096	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	99391	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	70263	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	165263	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	210355	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	250985	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	886	1.64	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.10	132	6895	4.68	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.74	128	3048	4.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	3136	3.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	7253	4.27	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.65	166	29469	5.04	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	29680	4.46	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.22	176	24267	4.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.08	188	39948	4.67	ng/ul	0.00
78) Pyrene-d10	19.39	212	51543	4.58	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	61571	4.57	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	994	1.575	ng/uL	92
10) 2-Chlorophenol	7.13	128	6991	4.531	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.37	70	6376	5.454	ng/ul	98
17) Hexachloroethane	8.61	117	3611	4.655	ng/ul	89
20) Nitrobenzene	8.78	77	9774	4.470	ng/ul	98
21) Isophorone	9.29	82	18318	5.042	ng/ul	99
23) 2-Nitrophenol	9.48	139	3523	3.754	ng/ul	95
24) 2,4-Dimethylphenol	9.54	107	9859	4.657	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.79	93	9531	4.662	ng/ul#	98
27) 2,4-Dichlorophenol	10.02	162	7315	4.374	ng/ul	94
28) Naphthalene	10.39	128	26425	4.871	ng/ul	99
31) Hexachlorobutadiene	10.64	225	8314	4.826	ng/ul	97
33) 4-Chloro-3-methylphenol	11.67	107	8570	4.895	ng/ul	99
34) 2-Methylnaphthalene	12.01	142	19862	5.092	ng/ul	95
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	13629	4.435	ng/ul	97
38) 2,4,6-Trichlorophenol	12.65	196	6605	3.916	ng/ul	93
39) 2,4,5-Trichlorophenol	12.74	196	7846m	4.237	ng/ul	
40) 1,1'-Biphenyl	13.05	154	27082	4.644	ng/ul#	97
41) 2-Chloronaphthalene	13.09	162	21054	4.584	ng/ul	97
42) 2-Nitroaniline	13.33	65	5256	4.047	ng/ul	99
44) Dimethylphthalate	13.69	163	29912	5.016	ng/ul	99
45) 2,6-Dinitrotoluene	13.84	165	5460	4.892	ng/ul#	89
47) Acenaphthylene	13.94	152	32577	4.665	ng/ul	99

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49) Acenaphthene	14.28	153	23768	4.835	ng/ul	99
53) Dibenzofuran	14.63	168	34179	4.822	ng/ul	100
54) 2,4-Dinitrotoluene	14.64	165	7659	4.596	ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	14.87	232	7435	4.362	ng/ul#	97
56) Diethylphthalate	15.06	149	31423	5.079	ng/ul	97
58) Fluorene	15.28	166	27172	4.750	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.27	204	16479	4.801	ng/ul	92
64) N-Nitrosodiphenylamine	15.50	169	23757	4.628	ng/ul	94
65) 4-Bromophenyl-phenylether	16.17	248	10647	4.555	ng/ul	93
66) Hexachlorobenzene	16.27	284	11876	4.601	ng/ul	96
69) Phenanthrene	17.02	178	45747	4.700	ng/ul	99
71) Anthracene	17.12	178	45705	4.551	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	13775	4.151	ng/uL	98
73) Pentachlorobenzene	14.53	250	14786	4.445	ng/uL	92
75) Di-n-butylphthalate	17.95	149	54094	5.088	ng/ul	97
79) Pyrene	19.42	202	63623	4.490	ng/ul	96
80) Butylbenzylphthalate	20.33	149	27076	4.854	ng/ul	98
82) Benzo(a)anthracene	21.17	228	73536	4.639	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.10	149	42089	5.288	ng/ul	98
84) Chrysene	21.23	228	70284	4.725	ng/ul	99
87) Benzo(b)fluoranthene	22.73	252	75175	4.462	ng/ul	99
88) Benzo(k)fluoranthene	22.77	252	72886	4.408	ng/ul	98
90) Benzo(a)pyrene	23.29	252	72797	4.485	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.58	276	85224	4.214	ng/ul	99
92) Dibenzo(a,h)anthracene	25.59	278	70068	4.139	ng/ul#	98
93) Benzo(g,h,i)perylene	26.26	276	71382	4.443	ng/ul	97

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

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