Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022324.D
Acq On : 26 Aug 2019 11:02
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02054

Manual Integrations APPROVED
mohammad
8/28/2019 9:59:42 AM

Quant Time: Aug 27 10:56:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 26 14:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	23078	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	102089	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.20	164	74944	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	179048	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	192472	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	166228	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	4324	8.39	ng/uL	0.00
5) Phenol-d5	6.75	99	38746	19.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	22772	19.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	34794	21.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	34066	19.73	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	16230	21.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	19030	21.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	40350	22.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	48972	22.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	134194	20.33	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	158995	22.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	12905	13.20	ng/ul	0.00
57) Fluorene-d10	15.20	176	114933	21.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	21568	15.61	ng/ul	0.00
70) Anthracene-d10	17.07	188	200967	21.20	ng/ul	0.00
78) Pyrene-d10	19.37	212	251694	25.16	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	182797	20.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	4495	8.131	ng/uL	92
4) Benzaldehyde	6.72	77	28517	24.874	ng/ul	94
6) Phenol	6.77	94	40933	19.193	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.00	93	29595	19.060	ng/ul	93
10) 2-Chlorophenol	7.12	128	33517	20.078	ng/ul	98
11) 2-Methylphenol	8.00	108	32092	19.108	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.07	45	39045	19.297	ng/ul	97
14) Acetophenone	8.38	105	56358	18.885	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.36	70	28292	18.729	ng/ul	98
16) 4-Methylphenol	8.33	108	34540	18.705	ng/ul	94
17) Hexachloroethane	8.59	117	17390	21.247	ng/ul	89
20) Nitrobenzene	8.76	77	46826	20.890	ng/ul	96
21) Isophorone	9.28	82	79977	19.576	ng/ul	99
23) 2-Nitrophenol	9.46	139	20662	21.233	ng/ul	99
24) 2,4-Dimethylphenol	9.52	107	47607	20.861	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.76	93	44055	19.973	ng/ul	96
27) 2,4-Dichlorophenol	9.99	162	40111	21.951	ng/ul	97
28) Naphthalene	10.37	128	116944	20.757	ng/ul	98
30) 4-Chloroaniline	10.51	127	46944	20.561	ng/ul	99
31) Hexachlorobutadiene	10.62	225	40470	23.091	ng/ul	98
32) Caprolactam	11.34	113	13303m	23.457	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	42655	21.144	ng/ul	97
34) 2-Methylnaphthalene	11.99	142	89893	20.709	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.36	216	67709	21.846 ng/ul	99
37) Hexachlorocyclopentadiene	12.32	237	19354	13.458 ng/ul	95
38) 2,4,6-Trichlorophenol	12.63	196	37156	21.348 ng/ul	98
39) 2,4,5-Trichlorophenol	12.71	196	39036	20.505 ng/ul	100
40) 1,1'-Biphenyl	13.03	154	118930	19.500 ng/ul	98
41) 2-Chloronaphthalene	13.07	162	98605	20.743 ng/ul	98
42) 2-Nitroaniline	13.31	65	30317	20.869 ng/ul	92
44) Dimethylphthalate	13.67	163	132691	19.759 ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	25766	19.980 ng/ul	97
47) Acenaphthylene	13.92	152	145642	19.758 ng/ul	99
48) 3-Nitroaniline	14.16	138	23998	21.859 ng/ul	91
49) Acenaphthene	14.27	153	107751	20.589 ng/ul	99
50) 2,4-Dinitrophenol	14.39	184	11078	14.365 ng/ul	98
52) 4-Nitrophenol	14.49	109	36815	22.659 ng/ul	96
53) Dibenzofuran	14.61	168	155341	19.929 ng/ul	99
54) 2,4-Dinitrotoluene	14.63	165	40276	20.205 ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	14.85	232	39549	20.489 ng/ul	92
56) Diethylphthalate	15.05	149	141722	19.677 ng/ul	99
58) Fluorene	15.26	166	132293	20.150 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.26	204	83138	20.683 ng/ul	98
60) 4-Nitroaniline	15.34	138	23523	20.649 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.39	198	22322	15.058 ng/ul	95
64) N-Nitrosodiphenylamine	15.49	169	110386	19.785 ng/ul	100
65) 4-Bromophenyl-phenylether	16.16	248	54257	21.170 ng/ul	92
66) Hexachlorobenzene	16.26	284	59181	20.723 ng/ul	99
67) Atrazine	16.45	200	64648	22.248 ng/ul	97
68) Pentachlorophenol	16.63	266	24530	14.219 ng/ul	95
69) Phenanthrene	17.01	178	213534	19.935 ng/ul	99
71) Anthracene	17.10	178	223850	20.083 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	66360	20.837 ng/uL	98
73) Pentachlorobenzene	14.52	250	73741	21.345 ng/uL	98
74) Carbazole	17.39	167	181611	18.039 ng/ul	99
75) Di-n-butylphthalate	17.94	149	247940	19.279 ng/ul	99
76) Fluoranthene	19.04	202	295114	18.283 ng/ul	99
79) Pyrene	19.40	202	295992	23.759 ng/ul	97
80) Butylbenzylphthalate	20.32	149	120551	22.864 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.11	252	89463	17.867 ng/ul	98
82) Benzo(a)anthracene	21.16	228	301103	20.785 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.09	149	172927	21.796 ng/ul#	98
84) Chrysene	21.22	228	270578	19.976 ng/ul	99
86) Di-n-octyl phthalate	21.95	149	278182	22.580 ng/ul	100
87) Benzo(b)fluoranthene	22.72	252	245173	21.203 ng/ul	98
88) Benzo(k)fluoranthene	22.76	252	235401	20.993 ng/ul	96
90) Benzo(a)pyrene	23.27	252	222694	20.205 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.56	276	249470	19.492 ng/ul	98
92) Dibenzo(a,h)anthracene	25.57	278	207868	19.131 ng/ul	98
93) Benzo(g,h,i)perylene	26.23	276	195611	20.034 ng/ul	96

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

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