Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042218.D
Acq On : 14 Aug 2019 20:18
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02058

Manual Integrations APPROVED
mohammad
8/15/2019 5:12:18 PM

Quant Time: Aug 15 14:54:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 10:42:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	68311	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	280642	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	193470	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	406611	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	402798	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	466730	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	10476	6.71	ng/uL	0.00
5) Phenol-d5	7.18	99	100532	18.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	49319	16.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	91110	19.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	83803	18.62	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	43666	20.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	54783	22.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	107229	21.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	116033	21.12	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	296576	19.77	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	354888	20.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	44228	17.55	ng/ul	0.00
57) Fluorene-d10	15.68	176	266514	19.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	49648	19.03	ng/ul	0.00
70) Anthracene-d10	17.54	188	400176	20.51	ng/ul	0.00
78) Pyrene-d10	19.83	212	451493	20.09	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	506521	20.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	10883	6.728	ng/uL	90
4) Benzaldehyde	7.15	77	43796	17.290	ng/ul	91
6) Phenol	7.21	94	104879	18.953	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.44	93	76977	18.285	ng/ul	88
10) 2-Chlorophenol	7.59	128	92342	19.876	ng/ul	97
11) 2-Methylphenol	8.47	108	83698	18.865	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.55	45	101903	14.310	ng/ul#	93
14) Acetophenone	8.85	105	128692	18.591	ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.83	70	59169	16.180	ng/ul	95
16) 4-Methylphenol	8.80	108	88944	18.557	ng/ul	94
17) Hexachloroethane	9.12	117	33630	17.481	ng/ul	86
20) Nitrobenzene	9.23	77	89179	18.534	ng/ul	95
21) Isophorone	9.76	82	167601	17.470	ng/ul	94
23) 2-Nitrophenol	9.96	139	57381	21.896	ng/ul	92
24) 2,4-Dimethylphenol	10.01	107	101612	19.653	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.24	93	108091	18.978	ng/ul	99
27) 2,4-Dichlorophenol	10.50	162	105691	21.524	ng/ul	97
28) Naphthalene	10.90	128	289879	20.204	ng/ul	98
30) 4-Chloroaniline	11.00	127	117232	21.230	ng/ul	98
31) Hexachlorobutadiene	11.19	225	80322	21.545	ng/ul	95
32) Caprolactam	11.75	113	26978m	16.981	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	93143	19.252	ng/ul	97
34) 2-Methylnaphthalene	12.51	142	230668	20.228	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.88	216	151318	21.875 ng/ul#	98
37) Hexachlorocyclopentadiene	12.86	237	80749	18.490 ng/ul#	94
38) 2,4,6-Trichlorophenol	13.12	196	93716	21.892 ng/ul	97
39) 2,4,5-Trichlorophenol	13.19	196	101419	21.239 ng/ul	98
40) 1,1'-Biphenyl	13.52	154	297663	21.159 ng/ul	97
41) 2-Chloronaphthalene	13.56	162	241035	21.278 ng/ul	100
42) 2-Nitroaniline	13.76	65	50581m	17.069 ng/ul	
44) Dimethylphthalate	14.13	163	291710	19.580 ng/ul	98
45) 2,6-Dinitrotoluene	14.25	165	66518	20.526 ng/ul	91
47) Acenaphthylene	14.41	152	352651	20.385 ng/ul	99
48) 3-Nitroaniline	14.59	138	52563	20.339 ng/ul	96
49) Acenaphthene	14.75	153	244696	20.229 ng/ul	99
50) 2,4-Dinitrophenol	14.80	184	32496	18.326 ng/ul	98
52) 4-Nitrophenol	14.90	109	30405	16.285 ng/ul	88
53) Dibenzofuran	15.09	168	365160	20.227 ng/ul	99
54) 2,4-Dinitrotoluene	15.04	165	92723	19.679 ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	15.31	232	88964	19.659 ng/ul#	97
56) Diethylphthalate	15.50	149	278305	18.779 ng/ul	97
58) Fluorene	15.74	166	289805	19.930 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.73	204	170473	20.189 ng/ul	97
60) 4-Nitroaniline	15.75	138	52504	18.235 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.81	198	53195	18.927 ng/ul	95
64) N-Nitrosodiphenylamine	15.94	169	262028	21.721 ng/ul	99
65) 4-Bromophenyl-phenylether	16.62	248	117210	21.774 ng/ul	96
66) Hexachlorobenzene	16.75	284	118346	21.890 ng/ul	92
67) Atrazine	16.89	200	102814	20.336 ng/ul	98
68) Pentachlorophenol	17.09	266	59038	20.049 ng/ul	97
69) Phenanthrene	17.48	178	461477	20.731 ng/ul	100
71) Anthracene	17.57	178	468908	20.769 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.49	216	152428	23.524 ng/uL	99
73) Pentachlorobenzene	15.01	250	152091	23.215 ng/uL	99
74) Carbazole	17.84	167	396640	21.209 ng/ul	99
75) Di-n-butylphthalate	18.40	149	454020	19.697 ng/ul	99
76) Fluoranthene	19.49	202	559387	21.749 ng/ul	98
79) Pyrene	19.86	202	553313	20.422 ng/ul	96
80) Butylbenzylphthalate	20.74	149	203014	19.036 ng/ul	94
81) 3,3'-Dichlorobenzidine	21.61	252	211275	23.077 ng/ul	96
82) Benzo(a)anthracene	21.70	228	568178	20.344 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.61	149	287174	19.736 ng/ul	100
84) Chrysene	21.77	228	528721	20.284 ng/ul	98
86) Di-n-octyl phthalate	22.83	149	497729	21.554 ng/ul	100
87) Benzo(b)fluoranthene	23.95	252	595325	20.325 ng/ul	99
88) Benzo(k)fluoranthene	24.02	252	572523	20.330 ng/ul	99
90) Benzo(a)pyrene	24.84	252	569410	20.401 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.72	276	601447	18.475 ng/ul	98
92) Dibenzo(a,h)anthracene	28.79	278	506017	19.056 ng/ul	98
93) Benzo(g,h,i)perylene	29.89	276	450292	16.567 ng/ul	99

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

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