Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081619\
Data File : BG042257.D
Acq On : 16 Aug 2019 13:21
Operator : HP/JU
Sample : SSTD04079
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD04079

Quant Time: Aug 16 13:59:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 16 13:29:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	54892	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	225638	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	161413	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	361378	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	370115	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	442024	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	20480	13.90	ng/uL	0.00
5) Phenol-d5	7.17	99	176035	34.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	85958	24.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	154639	41.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	147290	37.78	ng/ul	0.00
19) Nitrobenzene-d5	9.18	128	74305	53.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.91	143	93538	67.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	182396	49.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	205803	50.19	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	521488	38.64	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	608913	37.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	87703	43.93	ng/ul	0.00
58) Fluorene-d10	15.67	176	464724	39.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	108545	82.93	ng/ul	0.00
71) Anthracene-d10	17.53	188	730947	43.35	ng/ul	0.00
79) Pyrene-d10	19.82	212	842319	44.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	964264	40.20	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	20218	13.004	ng/uL	98
4) Benzaldehyde	7.14	77	75526	22.063	ng/ul	99
6) Phenol	7.20	94	182117	35.680	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.43	93	133592	35.246	ng/ul	99
10) 2-Chlorophenol	7.58	128	157789	42.778	ng/ul	100
11) 2-Methylphenol	8.46	108	145464	37.406	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.55	45	175080	20.983	ng/ul	96
14) Acetophenone	8.84	105	220113	36.833	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.83	70	104782	29.102	ng/ul	96
16) 4-Methylphenol	8.80	108	155692	38.272	ng/ul	99
17) Hexachloroethane	9.11	117	61883	42.115	ng/ul	94
20) Nitrobenzene	9.22	77	149601	38.301	ng/ul	99
21) Isophorone	9.75	82	301721	31.823	ng/ul	98
23) 2-Nitrophenol	9.94	139	97904	66.789	ng/ul	97
24) 2,4-Dimethylphenol	10.01	107	171777	38.368	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.23	93	186963	36.476	ng/ul	98
27) 2,4-Dichlorophenol	10.49	162	176627	50.295	ng/ul	97
28) Naphthalene	10.89	128	485650	41.999	ng/ul	99
30) 4-Chloroaniline	10.99	127	205547	51.450	ng/ul	99
31) Hexachlorobutadiene	11.18	225	129289	51.572	ng/ul	97
32) Caprolactam	11.76	113	54377m	37.419	ng/ul	
33) 4-Chloro-3-methylphenol	12.13	107	161107	39.045	ng/ul	99
34) 2-Methylnaphthalene	12.50	142	389525	45.133	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.72	142	367030	43.603 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	247873	45.083 ng/ul	98
38) Hexachlorocyclopentadiene	12.85	237	138652	42.148 ng/ul	99
39) 2,4,6-Trichlorophenol	13.11	196	161500	47.559 ng/ul	97
40) 2,4,5-Trichlorophenol	13.18	196	169751	48.226 ng/ul	96
41) 1,1'-Biphenyl	13.51	154	496673	39.316 ng/ul	100
42) 2-Chloronaphthalene	13.55	162	405278	41.816 ng/ul	99
43) 2-Nitroaniline	13.75	65	92399	36.436 ng/ul	99
45) Dimethylphthalate	14.12	163	513650	39.662 ng/ul	99
46) 2,6-Dinitrotoluene	14.24	165	122387	67.625 ng/ul	99
48) Acenaphthylene	14.39	152	608935	39.698 ng/ul	99
49) 3-Nitroaniline	14.58	138	93428	49.539 ng/ul	97
50) Acenaphthene	14.74	153	424779	38.675 ng/ul	100
51) 2,4-Dinitrophenol	14.79	184	67642	73.488 ng/ul	96
53) 4-Nitrophenol	14.89	109	58839	31.761 ng/ul	95
54) Dibenzofuran	15.08	168	625055	41.117 ng/ul	98
55) 2,4-Dinitrotoluene	15.04	165	173266	69.218 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.31	232	163280	49.536 ng/ul	97
57) Diethylphthalate	15.49	149	503228	38.287 ng/ul	99
59) Fluorene	15.73	166	499407	40.748 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.72	204	288662	43.229 ng/ul	99
61) 4-Nitroaniline	15.74	138	101687	42.561 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.81	198	119367	88.291 ng/ul#	97
65) N-Nitrosodiphenylamine	15.93	169	468983	46.323 ng/ul	100
66) 4-Bromophenyl-phenylether	16.61	248	207587	51.933 ng/ul	98
67) Hexachlorobenzene	16.74	284	215879	54.111 ng/ul	96
68) Atrazine	16.88	200	194072	46.476 ng/ul	99
69) Pentachlorophenol	17.08	266	120830	49.954 ng/ul	96
70) Phenanthrene	17.47	178	841689	44.819 ng/ul	98
72) Anthracene	17.56	178	839966	44.447 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	257025	46.547 ng/uL	98
74) Pentachlorobenzene	15.00	250	260984	54.292 ng/uL	99
75) Carbazole	17.83	167	747517	47.054 ng/ul	99
76) Di-n-butylphthalate	18.39	149	857348	41.305 ng/ul	98
77) Fluoranthene	19.48	202	1043966	47.942 ng/ul	99
80) Pyrene	19.85	202	1020052	45.485 ng/ul	99
81) Butylbenzylphthalate	20.73	149	406676	44.547 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.60	252	406968	53.377 ng/ul	100
83) Benzo(a)anthracene	21.69	228	1059779	45.314 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.60	149	552839	42.479 ng/ul	96
85) Chrysene	21.76	228	994166	46.345 ng/ul	97
87) Di-n-octyl phthalate	22.82	149	944300	38.009 ng/ul	100
88) Benzo(b)fluoranthene	23.94	252	1132903	43.280 ng/ul	100
89) Benzo(k)fluoranthene	24.01	252	1076427	42.654 ng/ul	98
91) Benzo(a)pyrene	24.82	252	1090543	44.030 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.70	276	1310211	44.426 ng/ul	96
93) Dibenzo(a,h)anthracene	28.77	278	1079106	45.126 ng/ul	100
94) Benzo(g,h,i)perylene	29.87	276	1093115	44.946 ng/ul	99

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

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