Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG082917\
Data File : BG028540.D
Acq On : 29 Aug 2017 18:42
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02092

Quant Time: Aug 30 00:49:05 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 29 03:57:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	37087	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	142647	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	99618	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	259269	20.00	ng/ul	0.01
75) Chrysene-d12	22.04	240	316091	20.00	ng/ul	0.02
83) Perylene-d12	25.56	264	308643	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.83	96	6063	7.61	ng/uL	0.01
5) Phenol-d5	7.50	99	66813	16.40	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.66	67	40936	15.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	49594	19.30	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	54877	16.12	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	24271	21.76	ng/ul	0.01
22) 2-Nitrophenol-d4	10.24	143	29508	24.13	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.79	165	54907	21.70	ng/ul	0.01
29) 4-Chloroaniline-d4	11.30	131	61788	21.94	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	182088	20.55	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	205431	20.56	ng/ul	0.01
51) 4-Nitrophenol-d4	15.16	143	30006	21.30	ng/ul	0.02
57) Fluorene-d10	15.94	176	159737	20.10	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	16.07	200	33923	20.14	ng/ul	0.01
70) Anthracene-d10	17.81	188	261640	21.04	ng/ul	0.01
76) Pyrene-d10	20.08	212	298956	18.44	ng/ul	0.01
87) Benzo(a)pyrene-d12	25.31	264	295125	20.43	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.86	88	6886	8.232	ng/uL	93
4) Benzaldehyde	7.49	77	44544	18.924	ng/ul	97
6) Phenol	7.53	94	66577	16.447	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.75	93	47286	17.148	ng/ul	98
10) 2-Chlorophenol	7.91	128	46957	18.753	ng/ul	93
11) 2-Methylphenol	8.78	108	46255	16.188	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.86	45	95583	14.279	ng/ul	99
14) Acetophenone	9.16	105	79870	16.451	ng/ul#	90
15) N-Nitroso-di-n-propylamine	9.14	70	44102	15.983	ng/ul	92
16) 4-Methylphenol	9.11	108	52478	16.266	ng/ul	100
17) Hexachloroethane	9.43	117	20225	19.492	ng/ul	95
20) Nitrobenzene	9.56	77	65138	20.173	ng/ul	97
21) Isophorone	10.07	82	123011	20.052	ng/ul	98
23) 2-Nitrophenol	10.28	139	26035	21.087	ng/ul#	80
24) 2,4-Dimethylphenol	10.32	107	64766	21.105	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.55	93	65634	19.642	ng/ul#	88
27) 2,4-Dichlorophenol	10.81	162	49046	21.292	ng/ul	92
28) Naphthalene	11.22	128	146216	20.696	ng/ul#	96
30) 4-Chloroaniline	11.32	127	55310	20.258	ng/ul	92
31) Hexachlorobutadiene	11.48	225	38335	22.546	ng/ul	95
32) Caprolactam	12.08	113	19538	20.398	ng/ul	95
33) 4-Chloro-3-methylphenol	12.43	107	61206	20.817	ng/ul	97
34) 2-Methylnaphthalene	12.80	142	112939	19.902	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.16	216	72450	22.563	ng/ul#	92
37) Hexachlorocyclopentadiene	13.13	237	24900	14.054	ng/ul	99
38) 2,4,6-Trichlorophenol	13.39	196	49096	24.532	ng/ul	90
39) 2,4,5-Trichlorophenol	13.48	196	51745	23.721	ng/ul	92
40) 1,1'-Biphenyl	13.78	154	155193	21.331	ng/ul	99
41) 2-Chloronaphthalene	13.84	162	118049	20.532	ng/ul	97
42) 2-Nitroaniline	14.04	65	47495	19.702	ng/ul	92
44) Dimethylphthalate	14.39	163	169054	20.722	ng/ul	100
45) 2,6-Dinitrotoluene	14.52	165	35236	20.919	ng/ul#	96
47) Acenaphthylene	14.68	152	198026	20.743	ng/ul	100
48) 3-Nitroaniline	14.86	138	34342	22.642	ng/ul#	95
49) Acenaphthene	15.02	153	131553	20.423	ng/ul	97
50) 2,4-Dinitrophenol	15.08	184	17013	17.926	ng/ul#	78
52) 4-Nitrophenol	15.18	109	26782	18.348	ng/ul#	86
53) Dibenzofuran	15.35	168	191085	20.347	ng/ul	94
54) 2,4-Dinitrotoluene	15.32	165	55743	21.837	ng/ul	85
55) 2,3,4,6-Tetrachlorophenol	15.58	232	47838	23.547	ng/ul	96
56) Diethylphthalate	15.74	149	186771	19.515	ng/ul	99
58) Fluorene	16.00	166	166330	20.004	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.98	204	91638	20.542	ng/ul	86
60) 4-Nitroaniline	16.02	138	37914	21.070	ng/ul#	80
63) 4,6-Dinitro-2-methylphenol	16.09	198	32900	19.265	ng/ul#	99
64) N-Nitrosodiphenylamine	16.20	169	141679	20.771	ng/ul	96
65) 4-Bromophenyl-phenylether	16.88	248	63896	22.930	ng/ul	92
66) Hexachlorobenzene	17.01	284	67907	22.891	ng/ul	94
67) Atrazine	17.14	200	66815	22.468	ng/ul	98
68) Pentachlorophenol	17.36	266	27849	18.534	ng/ul#	85
69) Phenanthrene	17.75	178	266949	20.459	ng/ul	99
71) Anthracene	17.84	178	280499	21.034	ng/ul	98
72) Carbazole	18.11	167	240176	20.709	ng/ul	99
73) Di-n-butylphthalate	18.63	149	311564	21.581	ng/ul	97
74) Fluoranthene	19.75	202	334289	21.081	ng/ul	100
77) Pyrene	20.11	202	349377	18.526	ng/ul	99
78) Butylbenzylphthalate	20.97	149	142528	20.174	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.91	252	133522	21.895	ng/ul	99
80) Benzo(a)anthracene	22.02	228	371671	20.350	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.87	149	197732	19.680	ng/ul	99
82) Chrysene	22.09	228	330436	20.089	ng/ul	98
84) Di-n-octyl phthalate	23.17	149	344945	18.649	ng/ul	100
85) Benzo(b)fluoranthene	24.43	252	370541	20.062	ng/ul	96
86) Benzo(k)fluoranthene	24.50	252	367297	20.359	ng/ul	100
88) Benzo(a)pyrene	25.39	252	360773	20.174	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.61	276	432823	20.668	ng/ul	99
90) Dibenzo(a,h)anthracene	29.66	278	360155	20.519	ng/ul	96
91) Benzo(g,h,i)perylene	30.86	276	361811	21.001	ng/ul	97

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

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