Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG102517\
Data File : BG029480.D
Acq On : 26 Oct 2017 16:16
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02076

Quant Time: Oct 26 17:53:58 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 15:59:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	65574	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	305035	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	192151	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	428464	20.00	ng/ul	0.01
75) Chrysene-d12	21.81	240	447258	20.00	ng/ul	0.00
83) Perylene-d12	25.13	264	451271	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	11470	7.11	ng/uL	0.00
5) Phenol-d5	7.32	99	122297	19.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	69143	17.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	100264	22.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	102254	20.12	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	49330	22.53	ng/ul	0.01
22) 2-Nitrophenol-d4	10.06	143	57800	25.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	111022	21.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	130330	21.94	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	312508	19.02	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	405367	20.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	51879	17.11	ng/ul	0.00
57) Fluorene-d10	15.78	176	303046	22.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	44834	21.44	ng/ul	0.00
70) Anthracene-d10	17.62	188	427828	21.11	ng/ul	0.00
76) Pyrene-d10	19.90	212	477762	20.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.90	264	450248	21.07	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	12722	6.467	ng/uL#	83
4) Benzaldehyde	7.30	77	68509	17.617	ng/ul	97
6) Phenol	7.35	94	124001	19.041	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.58	93	86542	17.457	ng/ul	91
10) 2-Chlorophenol	7.74	128	92386	20.356	ng/ul	91
11) 2-Methylphenol	8.61	108	92384	18.975	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.70	45	151125	20.800	ng/ul	97
14) Acetophenone	8.99	105	143301	18.460	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.98	70	74713	17.368	ng/ul#	98
16) 4-Methylphenol	8.94	108	100477	18.942	ng/ul	98
17) Hexachloroethane	9.26	117	35973	19.851	ng/ul	97
20) Nitrobenzene	9.38	77	112123	18.780	ng/ul#	85
21) Isophorone	9.90	82	205842	16.318	ng/ul	100
23) 2-Nitrophenol	10.09	139	57525	23.104	ng/ul#	78
24) 2,4-Dimethylphenol	10.14	107	113253	18.705	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.38	93	125434	16.519	ng/ul	98
27) 2,4-Dichlorophenol	10.63	162	103536	21.148	ng/ul	93
28) Naphthalene	11.04	128	309895	19.200	ng/ul	99
30) 4-Chloroaniline	11.14	127	123072	21.172	ng/ul	94
31) Hexachlorobutadiene	11.32	225	72484	23.701	ng/ul	98
32) Caprolactam	11.90	113	33539	16.006	ng/ul	96
33) 4-Chloro-3-methylphenol	12.25	107	107144	18.652	ng/ul	94
34) 2-Methylnaphthalene	12.63	142	237384	17.767	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.99	216	137246	24.103	ng/ul#	93
37) Hexachlorocyclopentadiene	12.97	237	30354	10.113	ng/ul	99
38) 2,4,6-Trichlorophenol	13.23	196	93125	23.606	ng/ul	99
39) 2,4,5-Trichlorophenol	13.31	196	97292	23.358	ng/ul	99
40) 1,1'-Biphenyl	13.62	154	309731	19.551	ng/ul	98
41) 2-Chloronaphthalene	13.68	162	243571	20.312	ng/ul	97
42) 2-Nitroaniline	13.87	65	71235	18.964	ng/ul#	85
44) Dimethylphthalate	14.23	163	303254	18.926	ng/ul	99
45) 2,6-Dinitrotoluene	14.36	165	64605	23.051	ng/ul	89
47) Acenaphthylene	14.52	152	382807	18.783	ng/ul	96
48) 3-Nitroaniline	14.69	138	61985	20.412	ng/ul#	81
49) Acenaphthene	14.85	153	260747	18.701	ng/ul	99
50) 2,4-Dinitrophenol	14.90	184	21154	14.102	ng/ul#	84
53) Dibenzofuran	15.19	168	374274	19.634	ng/ul	94
54) 2,4-Dinitrotoluene	15.14	165	91713	22.382	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.41	232	87843	23.983	ng/ul#	93
56) Diethylphthalate	15.59	149	304630	18.450	ng/ul	99
58) Fluorene	15.83	166	294276	19.352	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.82	204	163644	22.873	ng/ul	88
60) 4-Nitroaniline	15.84	138	59478	15.933	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.91	198	43771	19.808	ng/ul#	86
64) N-Nitrosodiphenylamine	16.03	169	260252	20.364	ng/ul	99
65) 4-Bromophenyl-phenylether	16.71	248	102139	23.629	ng/ul	93
66) Hexachlorobenzene	16.84	284	111211	25.146	ng/ul	92
67) Atrazine	16.97	200	102141	21.046	ng/ul	93
68) Pentachlorophenol	17.18	266	60365	22.910	ng/ul	96
69) Phenanthrene	17.57	178	462190	19.954	ng/ul	97
71) Anthracene	17.66	178	478748	20.033	ng/ul	99
72) Carbazole	17.93	167	425509	19.808	ng/ul	97
73) Di-n-butylphthalate	18.47	149	515366	19.967	ng/ul	99
74) Fluoranthene	19.57	202	549710	21.236	ng/ul	99
77) Pyrene	19.93	202	572153	19.087	ng/ul	99
78) Butylbenzylphthalate	20.80	149	224683	18.486	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.69	252	203577	24.873	ng/ul#	98
80) Benzo(a)anthracene	21.78	228	559901	19.975	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.67	149	322950	18.336	ng/ul#	99
82) Chrysene	21.85	228	508285	19.958	ng/ul	97
84) Di-n-octyl phthalate	22.91	149	561343	18.592	ng/ul	100
85) Benzo(b)fluoranthene	24.07	252	550228	20.310	ng/ul	98
86) Benzo(k)fluoranthene	24.13	252	541006	20.654	ng/ul	98
88) Benzo(a)pyrene	24.97	252	538886	20.435	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.95	276	552431	18.516	ng/ul	99
90) Dibenzo(a,h)anthracene	29.00	278	485139	19.574	ng/ul	99
91) Benzo(g,h,i)perylene	30.12	276	388096	15.693	ng/ul	97

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

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