Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG082317\
Data File : BG028444.D
Acq On : 23 Aug 2017 10:24
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02081

Quant Time: Aug 24 01:16:06 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 07:06:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	41794	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	193736	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	144857	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	343168	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	376204	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	370283	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.83	96	5963	6.64	ng/uL	0.00
5) Phenol-d5	7.49	99	78941	17.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	49069	16.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	56308	19.45	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	69541	18.13	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	29606	19.54	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	36329	21.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	71004	20.66	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	84041	21.97	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	240337	18.65	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	290919	20.03	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	33373	16.29	ng/ul	0.00
57) Fluorene-d10	15.94	176	220947	19.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	40950	18.37	ng/ul	0.00
70) Anthracene-d10	17.80	188	324712	19.73	ng/ul	0.00
76) Pyrene-d10	20.07	212	359207	18.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	338116	19.51	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.86	88	7227	7.667	ng/uL	98
4) Benzaldehyde	7.48	77	50352	18.982	ng/ul	95
6) Phenol	7.52	94	80736	17.698	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.75	93	53285	17.147	ng/ul	99
10) 2-Chlorophenol	7.91	128	54604	19.351	ng/ul	93
11) 2-Methylphenol	8.78	108	56698	17.608	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.86	45	110797	14.688	ng/ul	96
14) Acetophenone	9.16	105	94768	17.321	ng/ul#	87
15) N-Nitroso-di-n-propylamine	9.14	70	52095	16.753	ng/ul#	86
16) 4-Methylphenol	9.10	108	64944	17.862	ng/ul	88
17) Hexachloroethane	9.43	117	23669	20.242	ng/ul	89
20) Nitrobenzene	9.56	77	81835	18.661	ng/ul	95
21) Isophorone	10.07	82	150588	18.074	ng/ul	99
23) 2-Nitrophenol	10.27	139	35626	21.246	ng/ul#	80
24) 2,4-Dimethylphenol	10.31	107	78963	18.946	ng/ul#	92
25) Bis(2-Chloroethoxy)methane	10.54	93	79916	17.609	ng/ul	91
27) 2,4-Dichlorophenol	10.81	162	66422	21.232	ng/ul	98
28) Naphthalene	11.21	128	188945	19.691	ng/ul	96
30) 4-Chloroaniline	11.32	127	78136	21.071	ng/ul	94
31) Hexachlorobutadiene	11.48	225	48384	20.953	ng/ul	88
32) Caprolactam	12.07	113	23726	18.238	ng/ul#	78
33) 4-Chloro-3-methylphenol	12.42	107	84086	21.057	ng/ul	99
34) 2-Methylnaphthalene	12.79	142	150803	19.567	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.16	216	99014	21.206 ng/ul	94
37) Hexachlorocyclopentadiene	13.13	237	31470	12.215 ng/ul	98
38) 2,4,6-Trichlorophenol	13.40	196	68359	23.490 ng/ul	96
39) 2,4,5-Trichlorophenol	13.48	196	70950	22.368 ng/ul	96
40) 1,1'-Biphenyl	13.79	154	205481	19.422 ng/ul	98
41) 2-Chloronaphthalene	13.84	162	166008	19.856 ng/ul	94
42) 2-Nitroaniline	14.04	65	66128	18.865 ng/ul	96
44) Dimethylphthalate	14.39	163	217656	18.348 ng/ul	98
45) 2,6-Dinitrotoluene	14.52	165	47958	19.580 ng/ul#	94
47) Acenaphthylene	14.68	152	276421	19.912 ng/ul	99
48) 3-Nitroaniline	14.86	138	43222	19.597 ng/ul#	97
49) Acenaphthene	15.02	153	183142	19.553 ng/ul	95
50) 2,4-Dinitrophenol	15.07	184	20899	15.144 ng/ul#	79
52) 4-Nitrophenol	15.17	109	32325	15.229 ng/ul	90
53) Dibenzofuran	15.35	168	268819	19.684 ng/ul	95
54) 2,4-Dinitrotoluene	15.31	165	70890	19.098 ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.58	232	64959	21.989 ng/ul	96
56) Diethylphthalate	15.74	149	241606	17.361 ng/ul	100
58) Fluorene	16.00	166	226266	18.714 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.98	204	125904	19.409 ng/ul#	86
60) 4-Nitroaniline	16.02	138	44506	17.009 ng/ul#	83
63) 4,6-Dinitro-2-methylphenol	16.08	198	40646	17.981 ng/ul#	95
64) N-Nitrosodiphenylamine	16.20	169	189649	21.006 ng/ul	96
65) 4-Bromophenyl-phenylether	16.88	248	83362	22.601 ng/ul	97
66) Hexachlorobenzene	17.01	284	88665	22.581 ng/ul	99
67) Atrazine	17.14	200	79545	20.209 ng/ul	100
68) Pentachlorophenol	17.35	266	39613	19.918 ng/ul#	90
69) Phenanthrene	17.75	178	339947	19.684 ng/ul	99
71) Anthracene	17.84	178	352122	19.949 ng/ul	99
72) Carbazole	18.11	167	292421	19.049 ng/ul	97
73) Di-n-butylphthalate	18.63	149	360257	18.853 ng/ul#	97
74) Fluoranthene	19.74	202	399651	19.042 ng/ul	97
77) Pyrene	20.10	202	417614	18.606 ng/ul	100
78) Butylbenzylphthalate	20.97	149	162764	19.357 ng/ul	91
79) 3,3'-Dichlorobenzidine	21.91	252	153510	21.150 ng/ul	100
80) Benzo(a)anthracene	22.01	228	425424	19.572 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.87	149	236105	19.744 ng/ul	98
82) Chrysene	22.08	228	382528	19.540 ng/ul	99
84) Di-n-octyl phthalate	23.16	149	398900	17.976 ng/ul	100
85) Benzo(b)fluoranthene	24.42	252	419628	18.938 ng/ul	99
86) Benzo(k)fluoranthene	24.49	252	419203	19.368 ng/ul	99
88) Benzo(a)pyrene	25.37	252	415499	19.367 ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.57	276	483480	19.244 ng/ul	98
90) Dibenzo(a,h)anthracene	29.63	278	394097	18.715 ng/ul	95
91) Benzo(g,h,i)perylene	30.83	276	365244	17.671 ng/ul	99

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

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