Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028524.D
Acq On : 28 Aug 2017 18:34
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02090

Manual Integrations APPROVED
Sohil
8/29/2017 6:01:40 PM

Quant Time: Aug 29 03:53:43 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 29 01:30:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	35188	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	153342	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	106091	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	275908	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	337089	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	317053	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.82	96	5844m	7.73	ng/uL	0.00
5) Phenol-d5	7.49	99	66888	17.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	42422	17.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	51680	21.20	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	55013	17.03	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	25804	21.52	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	29982	22.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	56925	20.93	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	64886	21.43	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	183854	19.48	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	214142	20.13	ng/ul	0.00
51) 4-Nitrophenol-d4	15.14	143	28599	19.06	ng/ul	0.00
57) Fluorene-d10	15.93	176	169232	19.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	33718	18.81	ng/ul	0.00
70) Anthracene-d10	17.80	188	264426	19.99	ng/ul	0.00
76) Pyrene-d10	20.07	212	309670	17.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.28	264	303917	20.48	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.85	88	7404	9.329	ng/uL#	88
4) Benzaldehyde	7.48	77	46172	20.674	ng/ul	92
6) Phenol	7.52	94	67815	17.657	ng/ul#	92
8) Bis(2-Chloroethyl)ether	7.74	93	47914	18.314	ng/ul	93
10) 2-Chlorophenol	7.90	128	48618	20.464	ng/ul	93
11) 2-Methylphenol	8.77	108	50023	18.452	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.85	45	101371	15.961	ng/ul#	94
14) Acetophenone	9.16	105	81875	17.774	ng/ul#	86
15) N-Nitroso-di-n-propylamine	9.13	70	44243	16.899	ng/ul	88
16) 4-Methylphenol	9.10	108	51681	16.883	ng/ul	92
17) Hexachloroethane	9.42	117	21031	21.362	ng/ul	92
20) Nitrobenzene	9.55	77	70240	20.236	ng/ul	95
21) Isophorone	10.07	82	119231	18.080	ng/ul	98
23) 2-Nitrophenol	10.26	139	28788	21.690	ng/ul#	82
24) 2,4-Dimethylphenol	10.31	107	62631	18.985	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	10.54	93	67122	18.686	ng/ul	95
27) 2,4-Dichlorophenol	10.81	162	50796	20.514	ng/ul	91
28) Naphthalene	11.21	128	157206	20.700	ng/ul	98
30) 4-Chloroaniline	11.31	127	61199	20.851	ng/ul	99
31) Hexachlorobutadiene	11.48	225	42728	23.377	ng/ul	93
32) Caprolactam	12.07	113	18694	18.155	ng/ul	85
33) 4-Chloro-3-methylphenol	12.42	107	60593	19.171	ng/ul	99
34) 2-Methylnaphthalene	12.79	142	119346	19.564	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.15	216	74553	21.802	ng/ul	93
37) Hexachlorocyclopentadiene	13.12	237	41998	22.258	ng/ul#	97
38) 2,4,6-Trichlorophenol	13.39	196	48319	22.671	ng/ul	96
39) 2,4,5-Trichlorophenol	13.47	196	53204m	22.902	ng/ul	
40) 1,1'-Biphenyl	13.78	154	156520	20.200	ng/ul	98
41) 2-Chloronaphthalene	13.83	162	123319	20.139	ng/ul	94
42) 2-Nitroaniline	14.03	65	48859	19.031	ng/ul	94
44) Dimethylphthalate	14.38	163	164880	18.977	ng/ul	96
45) 2,6-Dinitrotoluene	14.52	165	36378	20.279	ng/ul#	89
47) Acenaphthylene	14.67	152	202308	19.898	ng/ul	98
48) 3-Nitroaniline	14.85	138	33304	20.618	ng/ul#	97
49) Acenaphthene	15.01	153	132930	19.378	ng/ul	93
50) 2,4-Dinitrophenol	15.06	184	21667	21.437	ng/ul#	75
52) 4-Nitrophenol	15.16	109	26374	16.966	ng/ul#	77
53) Dibenzofuran	15.34	168	198331	19.830	ng/ul	99
54) 2,4-Dinitrotoluene	15.31	165	55198	20.304	ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	15.57	232	48005	22.187	ng/ul	98
56) Diethylphthalate	15.73	149	185638	18.213	ng/ul	99
58) Fluorene	15.99	166	174653	19.724	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.97	204	96278	20.266	ng/ul	89
60) 4-Nitroaniline	16.02	138	34994	18.261	ng/ul#	77
63) 4,6-Dinitro-2-methylphenol	16.07	198	33584	18.479	ng/ul#	98
64) N-Nitrosodiphenylamine	16.19	169	145625	20.062	ng/ul	96
65) 4-Bromophenyl-phenylether	16.87	248	64201	21.650	ng/ul	95
66) Hexachlorobenzene	17.00	284	70973	22.482	ng/ul	96
67) Atrazine	17.13	200	64223	20.294	ng/ul	98
68) Pentachlorophenol	17.35	266	27005	16.888	ng/ul	95
69) Phenanthrene	17.74	178	273651	19.708	ng/ul	98
71) Anthracene	17.83	178	283995	20.012	ng/ul	97
72) Carbazole	18.10	167	247613	20.063	ng/ul	98
73) Di-n-butylphthalate	18.63	149	306379	19.942	ng/ul	99
74) Fluoranthene	19.74	202	348884	20.675	ng/ul	99
77) Pyrene	20.10	202	360714	17.936	ng/ul	98
78) Butylbenzylphthalate	20.96	149	144009	19.114	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.91	252	138288	21.264	ng/ul	95
80) Benzo(a)anthracene	22.00	228	378111	19.413	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.86	149	205000	19.132	ng/ul	99
82) Chrysene	22.07	228	343792	19.599	ng/ul	99
84) Di-n-octyl phthalate	23.16	149	357083	18.793	ng/ul	100
85) Benzo(b)fluoranthene	24.41	252	374726	19.751	ng/ul	98
86) Benzo(k)fluoranthene	24.48	252	370199	19.975	ng/ul	98
88) Benzo(a)pyrene	25.36	252	368791	20.076	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.56	276	409689	19.045	ng/ul#	98
90) Dibenzo(a,h)anthracene	29.62	278	342062	18.971	ng/ul	96
91) Benzo(g,h,i)perylene	30.81	276	314431	17.767	ng/ul	98

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

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