Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
Data File : BG028396.D
Acq On : 21 Aug 2017 20:02
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02076

Manual Integrations APPROVED
Sohil
8/22/2017 5:50:15 PM

Quant Time: Aug 22 14:13:07 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 22 04:33:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	36247	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	175646	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	138960	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	354528m	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	389095	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	376493	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.83	96	5235	6.73	ng/uL	0.00
5) Phenol-d5	7.49	99	72896	18.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	43630	17.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	49836	19.84	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	63391	19.05	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	27138	19.76	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	33032	21.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	63317	20.32	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	78947	22.76	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	229774	18.59	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	267010	19.16	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	33384	16.99	ng/ul	0.00
57) Fluorene-d10	15.94	176	204603	18.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	43591	18.93	ng/ul	0.00
70) Anthracene-d10	17.80	188	325835	19.17	ng/ul	0.00
76) Pyrene-d10	20.07	212	359939	18.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	331041	18.78	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.87	88	6371	7.793	ng/uL#	80
4) Benzaldehyde	7.49	77	45940	19.969	ng/ul	98
6) Phenol	7.52	94	73778	18.648	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.75	93	50095	18.588	ng/ul	92
10) 2-Chlorophenol	7.91	128	48653	19.881	ng/ul	99
11) 2-Methylphenol	8.77	108	52536	18.812	ng/ul	86
12) 2,2'-oxybis(1-Chloropropan	8.87	45	104278	15.939	ng/ul	97
14) Acetophenone	9.17	105	86083	18.141	ng/ul	88
15) N-Nitroso-di-n-propylamine	9.13	70	52604	19.506	ng/ul#	86
16) 4-Methylphenol	9.10	108	60420	19.161	ng/ul	88
17) Hexachloroethane	9.43	117	19832	19.556	ng/ul	90
20) Nitrobenzene	9.55	77	74294	18.686	ng/ul	95
21) Isophorone	10.06	82	144670	19.152	ng/ul	97
23) 2-Nitrophenol	10.27	139	30590	20.121	ng/ul	87
24) 2,4-Dimethylphenol	10.31	107	76221	20.171	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.54	93	77670	18.877	ng/ul	97
27) 2,4-Dichlorophenol	10.81	162	57629	20.318	ng/ul	94
28) Naphthalene	11.21	128	166436	19.132	ng/ul	98
30) 4-Chloroaniline	11.32	127	72441	21.548	ng/ul	92
31) Hexachlorobutadiene	11.48	225	42219	20.166	ng/ul#	84
32) Caprolactam	12.07	113	23606	20.015	ng/ul#	54
33) 4-Chloro-3-methylphenol	12.42	107	76552	21.145	ng/ul	98
34) 2-Methylnaphthalene	12.79	142	134162	19.200	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	86288	19.265 ng/ul	89
37) Hexachlorocyclopentadiene	13.13	237	38489	15.573 ng/ul	96
38) 2,4,6-Trichlorophenol	13.39	196	60037	21.506 ng/ul	93
39) 2,4,5-Trichlorophenol	13.47	196	65974	21.682 ng/ul	97
40) 1,1'-Biphenyl	13.78	154	187139	18.439 ng/ul	95
41) 2-Chloronaphthalene	13.83	162	148528	18.519 ng/ul	98
42) 2-Nitroaniline	14.04	65	61181	18.194 ng/ul	98
44) Dimethylphthalate	14.39	163	211462	18.582 ng/ul	97
45) 2,6-Dinitrotoluene	14.52	165	45375	19.312 ng/ul	99
47) Acenaphthylene	14.68	152	247496	18.585 ng/ul	98
48) 3-Nitroaniline	14.86	138	41439	19.586 ng/ul#	96
49) Acenaphthene	15.01	153	166593	18.541 ng/ul	95
50) 2,4-Dinitrophenol	15.06	184	21789	16.459 ng/ul#	87
52) 4-Nitrophenol	15.16	109	33577	16.490 ng/ul#	83
53) Dibenzofuran	15.35	168	242836	18.536 ng/ul	96
54) 2,4-Dinitrotoluene	15.31	165	67518	18.961 ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.58	232	60799	21.454 ng/ul#	97
56) Diethylphthalate	15.74	149	231150	17.314 ng/ul	98
58) Fluorene	15.99	166	214808	18.521 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.98	204	114976	18.477 ng/ul#	87
60) 4-Nitroaniline	16.02	138	44092	17.566 ng/ul#	78
63) 4,6-Dinitro-2-methylphenol	16.07	198	42550m	18.221 ng/ul	
64) N-Nitrosodiphenylamine	16.19	169	179865	19.284 ng/ul	97
65) 4-Bromophenyl-phenylether	16.87	248	77622	20.371 ng/ul	95
66) Hexachlorobenzene	17.00	284	82167	20.256 ng/ul	94
67) Atrazine	17.13	200	78102	19.207 ng/ul	98
68) Pentachlorophenol	17.35	266	38873	18.919 ng/ul	94
69) Phenanthrene	17.74	178	336344m	18.851 ng/ul	
71) Anthracene	17.83	178	348757	19.126 ng/ul	96
72) Carbazole	18.10	167	291518	18.382 ng/ul	100
73) Di-n-butylphthalate	18.63	149	361138	18.293 ng/ul	99
74) Fluoranthene	19.74	202	408071	18.820 ng/ul	99
77) Pyrene	20.10	202	425985	18.351 ng/ul	99
78) Butylbenzylphthalate	20.96	149	163740	18.828 ng/ul	93
79) 3,3'-Dichlorobenzidine	21.91	252	149052	19.855 ng/ul	99
80) Benzo(a)anthracene	22.01	228	423896	18.855 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.86	149	230088	18.603 ng/ul	98
82) Chrysene	22.08	228	375549	18.548 ng/ul	97
84) Di-n-octyl phthalate	23.16	149	399385	17.701 ng/ul	100
85) Benzo(b)fluoranthene	24.41	252	433603	19.246 ng/ul	96
86) Benzo(k)fluoranthene	24.48	252	389010	17.677 ng/ul	98
88) Benzo(a)pyrene	25.36	252	402582	18.455 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.55	276	477444	18.690 ng/ul#	96
90) Dibenzo(a,h)anthracene	29.60	278	400195	18.691 ng/ul	96
91) Benzo(g,h,i)perylene	30.80	276	395542	18.822 ng/ul	96

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

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