Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG082016\
Data File : BG023818.D
Acq On : 20 Aug 2016 15:19
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02017

Manual Integrations APPROVED
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Quant Time: Aug 22 04:54:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 22 03:42:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	113938	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	503381	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	319897	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	733044m	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	787695m	20.00	ng/ul	0.00
83) Perylene-d12	25.22	264	771604	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	20912	8.33	ng/uL	0.00
5) Phenol-d5	7.25	99	224176	20.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	154370	21.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	160430	21.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	179296	21.46	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	82181	20.21	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	96102	20.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	173495	20.70	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	220797	21.52	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	527155	19.88	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	624070	20.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	77107	17.99	ng/ul	0.00
57) Fluorene-d10	15.76	176	467588	20.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	96936m	20.86	ng/ul	0.00
70) Anthracene-d10	17.63	188	689482	20.40	ng/ul	0.00
76) Pyrene-d10	19.92	212	798350	21.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	734441	20.79	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	22547	8.57	ng/uL#	69
4) Benzaldehyde	7.23	77	155698	22.59	ng/ul	85
6) Phenol	7.28	94	236436	21.60	ng/ul#	75
8) Bis(2-Chloroethyl)ether	7.50	93	180507	21.62	ng/ul#	84
10) 2-Chlorophenol	7.65	128	164133	21.22	ng/ul#	81
11) 2-Methylphenol	8.54	108	176586	21.21	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.62	45	250549	20.98	ng/ul#	93
14) Acetophenone	8.92	105	287202	21.14	ng/ul#	77
15) N-Nitroso-di-n-propylamine	8.90	70	170966	20.33	ng/ul#	82
16) 4-Methylphenol	8.88	108	186919	20.65	ng/ul	100
17) Hexachloroethane	9.18	117	73647	21.57	ng/ul#	84
20) Nitrobenzene	9.32	77	239860	20.16	ng/ul#	86
21) Isophorone	9.83	82	437765	19.88	ng/ul#	91
23) 2-Nitrophenol	10.03	139	104427	20.91	ng/ul#	62
24) 2,4-Dimethylphenol	10.09	107	222076	20.60	ng/ul	86
25) Bis(2-Chloroethoxy)methane	10.32	93	252103	20.36	ng/ul#	96
27) 2,4-Dichlorophenol	10.58	162	175554	20.98	ng/ul	96
28) Naphthalene	10.98	128	526097	20.43	ng/ul	99
30) 4-Chloroaniline	11.09	127	216099	21.48	ng/ul	97
31) Hexachlorobutadiene	11.26	225	128900	21.41	ng/ul	90
32) Caprolactam	11.86	113	55239	16.94	ng/ul#	50
33) 4-Chloro-3-methylphenol	12.22	107	203940	19.72	ng/ul#	80
34) 2-Methylnaphthalene	12.58	142	398101	20.30	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.96	216	232418	21.87 ng/ul	97
37) Hexachlorocyclopentadiene	12.92	237	63809	13.75 ng/ul	95
38) 2,4,6-Trichlorophenol	13.20	196	145962	20.88 ng/ul	99
39) 2,4,5-Trichlorophenol	13.28	196	147400	20.40 ng/ul	98
40) 1,1'-Biphenyl	13.59	154	518597	20.73 ng/ul	99
41) 2-Chloronaphthalene	13.64	162	396007	20.82 ng/ul	94
42) 2-Nitroaniline	13.85	65	151588	19.21 ng/ul#	65
44) Dimethylphthalate	14.21	163	522810	19.71 ng/ul	100
45) 2,6-Dinitrotoluene	14.35	165	112232	19.82 ng/ul#	77
47) Acenaphthylene	14.49	152	650024	20.78 ng/ul	99
48) 3-Nitroaniline	14.68	138	109293	20.49 ng/ul#	68
49) Acenaphthene	14.83	153	435180	20.77 ng/ul	99
50) 2,4-Dinitrophenol	14.90	184	53245	17.72 ng/ul#	84
52) 4-Nitrophenol	15.00	109	93483m	21.71 ng/ul	
53) Dibenzofuran	15.17	168	625017	20.52 ng/ul#	87
54) 2,4-Dinitrotoluene	15.14	165	163424	19.75 ng/ul#	64
55) 2,3,4,6-Tetrachlorophenol	15.40	232	135614	20.35 ng/ul#	97
56) Diethylphthalate	15.57	149	528437	19.51 ng/ul	97
58) Fluorene	15.82	166	504911	20.46 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.80	204	258082	20.70 ng/ul	95
60) 4-Nitroaniline	15.85	138	112680	19.03 ng/ul#	58
63) 4,6-Dinitro-2-methylphenol	15.91	198	100104m	20.64 ng/ul	
64) N-Nitrosodiphenylamine	16.03	169	443737	20.45 ng/ul	96
65) 4-Bromophenyl-phenylether	16.71	248	172394	20.42 ng/ul	95
66) Hexachlorobenzene	16.83	284	187256	20.59 ng/ul	92
67) Atrazine	16.97	200	186005	20.92 ng/ul	96
68) Pentachlorophenol	17.18	266	82544	20.94 ng/ul	87
69) Phenanthrene	17.58	178	801579m	20.66 ng/ul	
71) Anthracene	17.66	178	832464	20.86 ng/ul	99
72) Carbazole	17.94	167	724129	22.24 ng/ul	97
73) Di-n-butylphthalate	18.47	149	890803m	20.22 ng/ul	
74) Fluoranthene	19.59	202	964541m	23.33 ng/ul	
77) Pyrene	19.95	202	981290m	21.08 ng/ul	
78) Butylbenzylphthalate	20.82	149	417804m	19.84 ng/ul	
79) 3,3'-Dichlorobenzidine	21.74	252	331896m	21.20 ng/ul	
80) Benzo(a)anthracene	21.82	228	947496m	20.81 ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.70	149	565365m	19.96 ng/ul	
82) Chrysene	21.89	228	867160	21.16 ng/ul	95
84) Di-n-octyl phthalate	22.96	149	969245	21.85 ng/ul	100
85) Benzo(b)fluoranthene	24.14	252	943255	21.02 ng/ul#	94
86) Benzo(k)fluoranthene	24.21	252	890015	20.54 ng/ul#	91
88) Benzo(a)pyrene	25.06	252	888806	20.64 ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	29.10	276	1035375	20.46 ng/ul#	87
90) Dibenzo(a,h)anthracene	29.16	278	886709	20.43 ng/ul#	91
91) Benzo(g,h,i)perylene	30.32	276	859848	20.54 ng/ul#	82

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

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