Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012818\
Data File : BG032385.D
Acq On : 28 Jan 2018 12:46
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02084

Manual Integrations APPROVED
Sohil
1/29/2018 5:49:53 PM

Quant Time: Jan 29 04:56:45 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 23 04:46:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	28981	20.00	ng/ul	0.00
18) Naphthalene-d8	11.60	136	110959	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.36	164	82227	20.00	ng/ul	0.00
61) Phenanthrene-d10	18.09	188	235961	20.00	ng/ul	0.00
77) Chrysene-d12	22.41	240	314594	20.00	ng/ul	-0.02
85) Perylene-d12	26.10	264	337214	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.78	96	3708m	7.74	ng/uL	0.00
5) Phenol-d5	7.83	99	34884	17.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.01	67	17218	18.33	ng/ul	0.00
9) 2-Chlorophenol-d4	8.23	132	34478	18.56	ng/ul	0.00
13) 4-Methylphenol-d8	9.42	113	32971	18.23	ng/ul	0.00
19) Nitrobenzene-d5	9.92	128	15295	18.91	ng/ul	0.00
22) 2-Nitrophenol-d4	10.65	143	20202	20.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.20	165	42625	20.03	ng/ul	0.00
29) 4-Chloroaniline-d4	11.73	131	39451	26.59	ng/ul	0.00
43) Dimethylphthalate-d6	14.74	166	142136	20.70	ng/ul	0.00
46) Acenaphthylene-d8	15.05	160	165784	19.70	ng/ul	0.00
51) 4-Nitrophenol-d4	15.51	143	22796	24.92	ng/ul	0.00
57) Fluorene-d10	16.34	176	133953	20.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.43	200	33026	22.68	ng/ul	0.00
70) Anthracene-d10	18.18	188	224295	19.77	ng/ul	0.00
78) Pyrene-d10	20.42	212	296089	20.28	ng/ul	0.00
89) Benzo(a)pyrene-d12	25.83	264	300390	19.27	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.82	88	3618	6.653	ng/uL#	71
4) Benzaldehyde	7.83	77	22511	22.711	ng/ul#	78
6) Phenol	7.86	94	34772	17.816	ng/ul#	85
8) Bis(2-Chloroethyl)ether	8.11	93	24628	17.946	ng/ul	92
10) 2-Chlorophenol	8.27	128	34002	19.372	ng/ul	90
11) 2-Methylphenol	9.16	108	27420	17.652	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	9.26	45	23366	17.099	ng/ul#	90
14) Acetophenone	9.56	105	47731	18.843	ng/ul	91
15) N-Nitroso-di-n-propylamine	9.53	70	20611	17.433	ng/ul	96
16) 4-Methylphenol	9.49	108	30229	17.778	ng/ul	96
17) Hexachloroethane	9.85	117	13191	19.038	ng/ul#	71
20) Nitrobenzene	9.96	77	32413	19.914	ng/ul#	81
21) Isophorone	10.48	82	58210	19.857	ng/ul#	86
23) 2-Nitrophenol	10.69	139	20374	20.492	ng/ul#	89
24) 2,4-Dimethylphenol	10.72	107	40207	20.183	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.96	93	33485	18.011	ng/ul#	90
27) 2,4-Dichlorophenol	11.23	162	39278	19.609	ng/ul	94
28) Naphthalene	11.66	128	102514	20.252	ng/ul	98
30) 4-Chloroaniline	11.74	127	37799	26.263	ng/ul	98
31) Hexachlorobutadiene	11.92	225	38426	21.223	ng/ul	97
32) Caprolactam	12.47	113	11713	22.611	ng/ul#	63
33) 4-Chloro-3-methylphenol	12.82	107	36211	19.976	ng/ul	87
34) 2-Methylnaphthalene	13.22	142	86942	20.195	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.57	216	71210	19.423 ng/ul	98
37) Hexachlorocyclopentadiene	13.54	237	35932	22.715 ng/ul	94
38) 2,4,6-Trichlorophenol	13.80	196	40586	19.162 ng/ul	97
39) 2,4,5-Trichlorophenol	13.87	196	43998	20.125 ng/ul	94
40) 1,1'-Biphenyl	14.19	154	125719	19.373 ng/ul#	94
41) 2-Chloronaphthalene	14.25	162	99161	19.058 ng/ul	97
42) 2-Nitroaniline	14.44	65	22407	21.564 ng/ul#	86
44) Dimethylphthalate	14.78	163	140311	21.294 ng/ul	97
45) 2,6-Dinitrotoluene	14.91	165	29305	21.784 ng/ul#	86
47) Acenaphthylene	15.08	152	148284	20.205 ng/ul	98
48) 3-Nitroaniline	15.25	138	24602	25.052 ng/ul	88
49) Acenaphthene	15.42	153	107883	20.141 ng/ul	96
50) 2,4-Dinitrophenol	15.45	184	16688	24.000 ng/ul#	76
52) 4-Nitrophenol	15.52	109	23119	27.405 ng/ul	85
53) Dibenzofuran	15.75	168	164312	20.366 ng/ul	97
54) 2,4-Dinitrotoluene	15.69	165	46534	23.923 ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.96	232	48132	23.009 ng/ul#	94
56) Diethylphthalate	16.13	149	139907	22.435 ng/ul	95
58) Fluorene	16.39	166	134640	21.050 ng/ul	94
59) 4-Chlorophenyl-phenylether	16.37	204	84078	20.822 ng/ul	96
60) 4-Nitroaniline	16.39	138	28237	24.943 ng/ul	85
63) 4,6-Dinitro-2-methylphenol	16.45	198	33600	22.143 ng/ul#	87
64) N-Nitrosodiphenylamine	16.58	169	126896	18.914 ng/ul	98
65) 4-Bromophenyl-phenylether	17.26	248	62790	18.480 ng/ul	94
66) Hexachlorobenzene	17.39	284	67913	19.245 ng/ul	96
67) Atrazine	17.50	200	63409	21.020 ng/ul	91
68) Pentachlorophenol	17.73	266	36089	20.506 ng/ul	95
69) Phenanthrene	18.13	178	246230	19.829 ng/ul	97
71) Anthracene	18.23	178	253775	19.917 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	14.17	216	73124	16.272 ng/uL	94
73) Pentachlorobenzene	15.67	250	81761	17.307 ng/uL	96
74) Carbazole	18.48	167	212370	21.507 ng/ul	99
75) Di-n-butylphthalate	18.99	149	245924	21.121 ng/ul	99
76) Fluoranthene	20.09	202	347275	22.674 ng/ul#	91
79) Pyrene	20.45	202	353538	19.907 ng/ul#	90
80) Butylbenzylphthalate	21.31	149	108904	18.825 ng/ul#	84
81) 3,3'-Dichlorobenzidine	22.29	252	115810	23.025 ng/ul#	97
82) Benzo(a)anthracene	22.40	228	379307	19.946 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	22.23	149	155838	18.982 ng/ul#	99
84) Chrysene	22.47	228	345451	20.014 ng/ul	99
86) Di-n-octyl phthalate	23.61	149	263427	18.731 ng/ul	100
87) Benzo(b)fluoranthene	24.91	252	397629	19.959 ng/ul#	98
88) Benzo(k)fluoranthene	24.99	252	372136	19.015 ng/ul#	96
90) Benzo(a)pyrene	25.92	252	378398m	19.678 ng/ul	
91) Indeno(1,2,3-cd)pyrene	30.33	276	446837	20.535 ng/ul#	94
92) Dibenzo(a,h)anthracene	30.42	278	370838	20.831 ng/ul#	97
93) Benzo(g,h,i)perylene	31.69	276	373824	21.582 ng/ul#	97

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

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