Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012218\
Data File : BG032205.D
Acq On : 22 Jan 2018 10:23
Operator : SJ/JU
Sample : SSTD00574
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00574

Manual Integrations APPROVED
Sohil
1/23/2018 5:08:22 PM

Quant Time: Jan 22 13:08:14 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 22 12:46:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	41813	20.00	ng/ul	0.00
18) Naphthalene-d8	11.61	136	173716	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.36	164	123329	20.00	ng/ul	0.00
61) Phenanthrene-d10	18.10	188	290478	20.00	ng/ul	0.00
77) Chrysene-d12	22.43	240	362854	20.00	ng/ul	0.00
85) Perylene-d12	26.12	264	380721	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.78	96	1591	2.47	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	8.24	132	13244	4.97	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.92	128	6325	5.21	ng/ul	0.00
22) 2-Nitrophenol-d4	10.66	143	6524	4.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.21	165	17395	5.72	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	14.74	166	53503	4.79	ng/ul	0.00
46) Acenaphthylene-d8	15.06	160	64254	5.32	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	16.35	176	50560	4.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	18.20	188	75180	5.40	ng/ul	0.00
78) Pyrene-d10	20.43	212	89106	5.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	25.86	264	89682	5.12	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.81	88	2090m	3.021	ng/uL	
10) 2-Chlorophenol	8.27	128	12253	4.996	ng/ul#	83
15) N-Nitroso-di-n-propylamine	9.54	70	8551	4.447	ng/ul	92
17) Hexachloroethane	9.85	117	5128	5.226	ng/ul#	65
20) Nitrobenzene	9.97	77	13169	5.051	ng/ul#	88
21) Isophorone	10.49	82	23141	4.644	ng/ul#	91
23) 2-Nitrophenol	10.69	139	7181	4.819	ng/ul#	85
24) 2,4-Dimethylphenol	10.73	107	16401	5.503	ng/ul	87
25) Bis(2-Chloroethoxy)methane	10.98	93	15777	5.451	ng/ul#	96
27) 2,4-Dichlorophenol	11.24	162	15687	5.409	ng/ul	93
28) Naphthalene	11.66	128	41200	5.255	ng/ul	97
31) Hexachlorobutadiene	11.93	225	15279	6.089	ng/ul#	87
33) 4-Chloro-3-methylphenol	12.83	107	15002	5.309	ng/ul	96
34) 2-Methylnaphthalene	13.23	142	35721	5.279	ng/ul	98
36) 1,2,4,5-Tetrachlorobenzene	13.58	216	28545	6.008	ng/ul	87
38) 2,4,6-Trichlorophenol	13.81	196	15258	5.380	ng/ul#	83
39) 2,4,5-Trichlorophenol	13.88	196	16759	5.563	ng/ul	92
40) 1,1'-Biphenyl	14.20	154	50973	5.686	ng/ul#	95
41) 2-Chloronaphthalene	14.25	162	39981	5.530	ng/ul	96
42) 2-Nitroaniline	14.44	65	7059	4.143	ng/ul#	84
44) Dimethylphthalate	14.79	163	50934	4.981	ng/ul#	98
45) 2,6-Dinitrotoluene	14.92	165	9020	4.394	ng/ul#	87
47) Acenaphthylene	15.09	152	57391	5.015	ng/ul	97

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49) Acenaphthene	15.43	153	41380	5.281 ng/ul	98
53) Dibenzofuran	15.76	168	64722	5.432 ng/ul	96
54) 2,4-Dinitrotoluene	15.70	165	13796	4.500 ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	15.98	232	13451	4.192 ng/ul#	93
56) Diethylphthalate	16.13	149	48282	4.498 ng/ul	97
58) Fluorene	16.40	166	50337	4.870 ng/ul	94
59) 4-Chlorophenyl-phenylether	16.38	204	32345	5.239 ng/ul	96
64) N-Nitrosodiphenylamine	16.59	169	43911	5.989 ng/ul	99
65) 4-Bromophenyl-phenylether	17.27	248	21326	5.710 ng/ul	93
66) Hexachlorobenzene	17.40	284	23280	5.481 ng/ul	93
69) Phenanthrene	18.14	178	82685	5.725 ng/ul	96
71) Anthracene	18.23	178	82727	5.501 ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	14.18	216	29017	7.162 ng/uL	97
73) Pentachlorobenzene	15.68	250	30809	5.117 ng/uL	93
75) Di-n-butylphthalate	19.00	149	71073	5.198 ng/ul	99
79) Pyrene	20.46	202	109319	5.804 ng/ul#	90
80) Butylbenzylphthalate	21.32	149	32993	5.895 ng/ul	88
82) Benzo(a)anthracene	22.41	228	114827	5.958 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	22.25	149	47031	5.744 ng/ul#	92
84) Chrysene	22.49	228	105892	6.006 ng/ul	98
87) Benzo(b)fluoranthene	24.94	252	116688	5.505 ng/ul	96
88) Benzo(k)fluoranthene	25.01	252	116997m	5.662 ng/ul	
90) Benzo(a)pyrene	25.94	252	112153	5.499 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	30.39	276	125443m	5.068 ng/ul	
92) Dibenzo(a,h)anthracene	30.47	278	94182	4.437 ng/ul#	93
93) Benzo(g,h,i)perylene	31.73	276	100719m	4.909 ng/ul	

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

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