Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082118\
Data File : BG036327.D
Acq On : 21 Aug 2018 17:26
Operator : JU/SJ
Sample : SSTD04015
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD04015

Manual Integrations APPROVED
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8/22/2018 6:07:10 PM

Quant Time: Aug 21 18:01:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG082118MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 21 17:19:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	48605	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	209551	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	131478	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	321288	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	323264	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	333570	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	18803	14.41	ng/uL	0.00
5) Phenol-d5	7.22	99	183394	36.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	124830	36.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	130290	47.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	140427	38.61	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	51721	41.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	54987	45.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	141804	37.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	170645	46.90	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	435260	38.91	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	522047	38.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	69271	50.09	ng/ul	0.00
58) Fluorene-d10	15.69	176	376347	36.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	46759	44.13	ng/ul	0.01
71) Anthracene-d10	17.54	188	584378	39.29	ng/ul	0.00
79) Pyrene-d10	19.82	212	672432	40.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	739433	41.24	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	21475	13.373	ng/uL#	26
4) Benzaldehyde	7.21	77	133035	32.869	ng/ul	97
6) Phenol	7.25	94	184375	36.496	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.50	93	137108	36.942	ng/ul#	85
10) 2-Chlorophenol	7.64	128	130768	47.159	ng/ul#	89
11) 2-Methylphenol	8.51	108	140394	38.275	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.61	45	305387	66.309	ng/ul#	88
14) Acetophenone	8.90	105	213111	35.123	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.89	70	124520	31.253	ng/ul#	81
16) 4-Methylphenol	8.83	108	146612	38.793	ng/ul	98
17) Hexachloroethane	9.16	117	51786	37.965	ng/ul	93
20) Nitrobenzene	9.28	77	151636	31.462	ng/ul	98
21) Isophorone	9.80	82	353371	30.206	ng/ul	98
23) 2-Nitrophenol	9.99	139	62088	46.553	ng/ul	99
24) 2,4-Dimethylphenol	10.05	107	170288	32.069	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.29	93	190555	34.259	ng/ul	98
27) 2,4-Dichlorophenol	10.52	162	132271	40.283	ng/ul	95
28) Naphthalene	10.93	128	425755	40.286	ng/ul	96
30) 4-Chloroaniline	11.03	127	166612	45.960	ng/ul	99
31) Hexachlorobutadiene	11.22	225	94011	29.272	ng/ul	98
32) Caprolactam	11.79	113	55993m	38.931	ng/ul	
33) 4-Chloro-3-methylphenol	12.15	107	156821	34.279	ng/ul	97
34) 2-Methylnaphthalene	12.54	142	319129	39.507	ng/ul	99

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35) 1-Methylnaphthalene	12.75	142	309193	39.457	ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	178864	33.612	ng/ul#	96
38) Hexachlorocyclopentadiene	12.88	237	107659	37.552	ng/ul	99
39) 2,4,6-Trichlorophenol	13.13	196	113505	40.684	ng/ul	96
40) 2,4,5-Trichlorophenol	13.20	196	118015	37.953	ng/ul	99
41) 1,1'-Biphenyl	13.54	154	404954	41.460	ng/ul#	96
42) 2-Chloronaphthalene	13.58	162	306115	39.876	ng/ul	95
43) 2-Nitroaniline	13.77	65	89145	38.906	ng/ul	84
45) Dimethylphthalate	14.15	163	419758	38.189	ng/ul	99
46) 2,6-Dinitrotoluene	14.27	165	64020	42.983	ng/ul	93
48) Acenaphthylene	14.42	152	486600	41.461	ng/ul	98
49) 3-Nitroaniline	14.59	138	67478	47.502	ng/ul#	92
50) Acenaphthene	14.76	153	350239	41.609	ng/ul	100
51) 2,4-Dinitrophenol	14.80	184	28781	35.071	ng/ul#	90
53) 4-Nitrophenol	14.89	109	61274	30.189	ng/ul	90
54) Dibenzofuran	15.10	168	478613	39.723	ng/ul	100
55) 2,4-Dinitrotoluene	15.05	165	89860	44.425	ng/ul#	84
56) 2,3,4,6-Tetrachlorophenol	15.32	232	110140	44.145	ng/ul#	88
57) Diethylphthalate	15.52	149	420822	38.759	ng/ul	98
59) Fluorene	15.75	166	383875	36.760	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.74	204	212031	33.538	ng/ul	94
61) 4-Nitroaniline	15.76	138	82295	42.238	ng/ul#	91
64) 4,6-Dinitro-2-methylphenol	15.81	198	48720	42.673	ng/ul	97
65) N-Nitrosodiphenylamine	15.95	169	354916	42.138	ng/ul	96
66) 4-Bromophenyl-phenylether	16.64	248	140847	37.845	ng/ul	95
67) Hexachlorobenzene	16.75	284	140874	35.887	ng/ul#	91
68) Atrazine	16.90	200	152343	41.297	ng/ul	98
69) Pentachlorophenol	17.08	266	89086	45.605	ng/ul	97
70) Phenanthrene	17.49	178	662684	41.284	ng/ul	98
72) Anthracene	17.58	178	650282	40.417	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	197202	38.674	ng/uL	96
74) Pentachlorobenzene	15.02	250	169467	37.854	ng/uL	99
75) Carbazole	17.84	167	588008	44.788	ng/ul#	95
76) Di-n-butylphthalate	18.41	149	724691	47.777	ng/ul#	99
77) Fluoranthene	19.49	202	812012	38.923	ng/ul#	93
80) Pyrene	19.85	202	778715	38.447	ng/ul#	92
81) Butylbenzylphthalate	20.74	149	327420	54.109	ng/ul	88
82) 3,3'-Dichlorobenzidine	21.61	252	290659	42.798	ng/ul	98
83) Benzo(a)anthracene	21.70	228	808233	39.238	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.63	149	456279	54.107	ng/ul	99
85) Chrysene	21.76	228	744411	38.797	ng/ul	96
87) Di-n-octyl phthalate	22.85	149	794177	51.786	ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	796716	37.728	ng/ul#	96
89) Benzo(k)fluoranthene	23.99	252	768304	38.168	ng/ul#	98
91) Benzo(a)pyrene	24.79	252	748103	37.827	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	28.62	276	912414	40.273	ng/ul#	97
93) Dibenzo(a,h)anthracene	28.69	278	732743	39.229	ng/ul	99
94) Benzo(g,h,i)perylene	29.76	276	752278	40.122	ng/ul#	96

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

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