Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081618\
Data File : BG036307.D
Acq On : 16 Aug 2018 11:35
Operator : JU/SJ
Sample : SSTD02005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02005

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8/17/2018 4:57:27 PM

Quant Time: Aug 16 12:15:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081618MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 16 12:06:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	36378	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	143002	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	104364	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	291352	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	312062	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	312908	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	7969	8.62	ng/uL	0.00
5) Phenol-d5	7.22	99	74513	20.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	52661	20.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	41659	19.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	52348	18.91	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	16764	21.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	16387	19.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	52731	20.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	49308	20.42	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	183545	20.41	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	214591	20.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	21221	19.41	ng/ul	0.00
58) Fluorene-d10	15.69	176	163225	19.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	16577	17.47	ng/ul	0.00
71) Anthracene-d10	17.55	188	274415	19.88	ng/ul	0.00
79) Pyrene-d10	19.82	212	332905	19.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	337180	19.68	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	8960	7.859	ng/uL	94
4) Benzaldehyde	7.21	77	65791	22.155	ng/ul#	85
6) Phenol	7.25	94	74501	19.581	ng/ul#	73
8) Bis(2-Chloroethyl)ether	7.50	93	53999	19.741	ng/ul	94
10) 2-Chlorophenol	7.64	128	41970	19.494	ng/ul#	82
11) 2-Methylphenol	8.51	108	52109	19.055	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.61	45	72207	21.252	ng/ul	95
14) Acetophenone	8.90	105	94207	20.505	ng/ul#	76
15) N-Nitroso-di-n-propylamine	8.88	70	60828	19.043	ng/ul#	94
16) 4-Methylphenol	8.83	108	54692	18.824	ng/ul	90
17) Hexachloroethane	9.16	117	21003	19.180	ng/ul#	88
20) Nitrobenzene	9.28	77	68753	21.545	ng/ul#	86
21) Isophorone	9.80	82	163682	20.057	ng/ul#	92
23) 2-Nitrophenol	9.99	139	18733	20.121	ng/ul	95
24) 2,4-Dimethylphenol	10.05	107	71142	19.421	ng/ul#	78
25) Bis(2-Chloroethoxy)methane	10.29	93	77597	19.844	ng/ul	98
27) 2,4-Dichlorophenol	10.53	162	47235	20.097	ng/ul#	90
28) Naphthalene	10.94	128	146249	19.895	ng/ul	99
30) 4-Chloroaniline	11.03	127	50948	20.245	ng/ul	98
31) Hexachlorobutadiene	11.23	225	44555	19.442	ng/ul	97
32) Caprolactam	11.78	113	19810m	18.666	ng/ul	
33) 4-Chloro-3-methylphenol	12.15	107	64756	19.551	ng/ul#	90
34) 2-Methylnaphthalene	12.54	142	110377	19.586	ng/ul	88

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35) 1-Methylnaphthalene	12.75	142	106815	19.327	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	84371	20.632	ng/ul#	95
38) Hexachlorocyclopentadiene	12.88	237	43755	18.387	ng/ul	99
39) 2,4,6-Trichlorophenol	13.14	196	44613	18.936	ng/ul	94
40) 2,4,5-Trichlorophenol	13.20	196	51569	19.803	ng/ul	85
41) 1,1'-Biphenyl	13.54	154	159072	21.017	ng/ul#	95
42) 2-Chloronaphthalene	13.58	162	124898	20.663	ng/ul	92
43) 2-Nitroaniline	13.77	65	35703	20.990	ng/ul#	75
45) Dimethylphthalate	14.16	163	181961	20.416	ng/ul	96
46) 2,6-Dinitrotoluene	14.27	165	22550	19.496	ng/ul#	68
48) Acenaphthylene	14.43	152	192493	21.274	ng/ul	99
49) 3-Nitroaniline	14.60	138	21832	19.444	ng/ul#	80
50) Acenaphthene	14.77	153	135521	20.613	ng/ul	98
51) 2,4-Dinitrophenol	14.80	184	11419	24.237	ng/ul#	85
53) 4-Nitrophenol	14.89	109	30085	18.475	ng/ul#	82
54) Dibenzofuran	15.10	168	195633	20.590	ng/ul#	86
55) 2,4-Dinitrotoluene	15.05	165	31421	19.599	ng/ul#	76
56) 2,3,4,6-Tetrachlorophenol	15.32	232	40420	17.925	ng/ul#	94
57) Diethylphthalate	15.52	149	178112	20.172	ng/ul	96
59) Fluorene	15.75	166	168330	20.400	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.74	204	101627	19.511	ng/ul	90
61) 4-Nitroaniline	15.75	138	30095	20.322	ng/ul#	54
64) 4,6-Dinitro-2-methylphenol	15.81	198	18281	18.506	ng/ul#	98
65) N-Nitrosodiphenylamine	15.96	169	157068	20.912	ng/ul	93
66) 4-Bromophenyl-phenylether	16.64	248	67372	19.880	ng/ul	92
67) Hexachlorobenzene	16.75	284	70111	20.751	ng/ul#	95
68) Atrazine	16.91	200	70171	20.947	ng/ul	92
69) Pentachlorophenol	17.09	266	30886	18.302	ng/ul	95
70) Phenanthrene	17.49	178	296627	20.406	ng/ul	99
72) Anthracene	17.58	178	296870	20.846	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	90806	19.928	ng/uL	95
74) Pentachlorobenzene	15.02	250	83149	20.163	ng/uL	96
75) Carbazole	17.84	167	248947	21.191	ng/ul#	96
76) Di-n-butylphthalate	18.42	149	284100	20.572	ng/ul#	96
77) Fluoranthene	19.49	202	404405	21.910	ng/ul#	93
80) Pyrene	19.85	202	402991	20.255	ng/ul	96
81) Butylbenzylphthalate	20.75	149	120105	19.586	ng/ul#	71
82) 3,3'-Dichlorobenzidine	21.61	252	132520	20.267	ng/ul	98
83) Benzo(a)anthracene	21.70	228	406109	20.490	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.64	149	167585	19.271	ng/ul#	98
85) Chrysene	21.76	228	376502	20.781	ng/ul	99
87) Di-n-octyl phthalate	22.87	149	283290	17.588	ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	406123	19.050	ng/ul#	99
89) Benzo(k)fluoranthene	23.99	252	379503	18.476	ng/ul#	96
91) Benzo(a)pyrene	24.79	252	373896	19.057	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	28.62	276	424785m	19.566	ng/ul	
93) Dibenzo(a,h)anthracene	28.70	278	355926	20.260	ng/ul#	94
94) Benzo(g,h,i)perylene	29.76	276	355508	19.749	ng/ul#	92

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

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