Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081618\
Data File : BG036305.D
Acq On : 16 Aug 2018 10:17
Operator : JU/SJ
Sample : SSTD00503
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD00503

Manual Integrations APPROVED
Sohil
8/17/2018 4:57:23 PM

Quant Time: Aug 16 12:54:50 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	32977	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	121476	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	90292	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	250701	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	299450	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	290385	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	1585	1.89	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	7.61	132	8387	4.25	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.23	128	3336m	5.12	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.96	143	3215	4.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	9989	4.51	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.11	166	37113	4.77	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	49167	5.41	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.69	176	36897	5.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.54	188	59407m	5.00	ng/ul	0.00
79) Pyrene-d10	19.82	212	71504	4.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	75134	4.73	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	2490	2.409	ng/uL	93
10) 2-Chlorophenol	7.64	128	8666	4.440	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.88	70	12773	4.411	ng/ul#	78
17) Hexachloroethane	9.17	117	4322	4.354	ng/ul#	91
20) Nitrobenzene	9.28	77	12030	4.438	ng/ul	91
21) Isophorone	9.80	82	34645	4.997	ng/ul#	85
23) 2-Nitrophenol	9.99	139	3225m	4.078	ng/ul	
24) 2,4-Dimethylphenol	10.05	107	15567	5.003	ng/ul#	80
25) Bis(2-Chloroethoxy)methane	10.29	93	17284	5.203	ng/ul	93
27) 2,4-Dichlorophenol	10.53	162	8318	4.166	ng/ul#	91
28) Naphthalene	10.94	128	30707	4.917	ng/ul	97
31) Hexachlorobutadiene	11.23	225	9630	4.947	ng/ul	91
33) 4-Chloro-3-methylphenol	12.15	107	12368	4.396	ng/ul#	90
34) 2-Methylnaphthalene	12.54	142	24526	5.123	ng/ul	92
35) 1-Methylnaphthalene	12.75	142	23384	4.981	ng/ul#	85
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	19411	5.486	ng/ul	98
39) 2,4,6-Trichlorophenol	13.14	196	8613	4.225	ng/ul#	88
40) 2,4,5-Trichlorophenol	13.20	196	9004m	3.997	ng/ul	
41) 1,1'-Biphenyl	13.54	154	34453	5.261	ng/ul#	94
42) 2-Chloronaphthalene	13.58	162	26277	5.025	ng/ul	94
43) 2-Nitroaniline	13.77	65	5996	4.074	ng/ul#	81
45) Dimethylphthalate	14.16	163	37394	4.849	ng/ul#	94
46) 2,6-Dinitrotoluene	14.26	165	4234	4.231	ng/ul#	93

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48) Acenaphthylene	14.42	152	41528	5.305	ng/ul#	96
50) Acenaphthene	14.77	153	29020	5.102	ng/ul	87
54) Dibenzofuran	15.10	168	44301	5.389	ng/ul	98
55) 2,4-Dinitrotoluene	15.05	165	5782	4.169	ng/ul#	83
56) 2,3,4,6-Tetrachlorophenol	15.32	232	6963	3.569	ng/ul#	89
57) Diethylphthalate	15.52	149	37015	4.845	ng/ul	97
59) Fluorene	15.75	166	37747	5.288	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.74	204	22256	4.939	ng/ul	95
65) N-Nitrosodiphenylamine	15.95	169	33498	5.183	ng/ul	90
66) 4-Bromophenyl-phenylether	16.64	248	14366	4.926	ng/ul#	89
67) Hexachlorobenzene	16.75	284	15763	5.422	ng/ul#	88
70) Phenanthrene	17.49	178	64099	5.125	ng/ul	97
72) Anthracene	17.58	178	64941	5.300	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	20226	5.158	ng/uL	87
74) Pentachlorobenzene	15.02	250	18170	5.120	ng/uL	97
76) Di-n-butylphthalate	18.42	149	56057	4.717	ng/ul#	90
80) Pyrene	19.85	202	94489	4.949	ng/ul#	92
81) Butylbenzylphthalate	20.75	149	21988	3.737	ng/ul#	71
83) Benzo(a)anthracene	21.70	228	97704	5.137	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	30422	3.646	ng/ul#	93
85) Chrysene	21.76	228	91549	5.266	ng/ul	97
88) Benzo(b)fluoranthene	23.92	252	89226	4.510	ng/ul#	97
89) Benzo(k)fluoranthene	23.99	252	87739	4.603	ng/ul#	96
91) Benzo(a)pyrene	24.79	252	84942	4.665	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	28.61	276	93950m	4.663	ng/ul	
93) Dibenzo(a,h)anthracene	28.69	278	81666m	5.009	ng/ul	
94) Benzo(g,h,i)perylene	29.75	276	80409m	4.813	ng/ul	

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

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