Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092820\
Data File : BG046714.D
Acq On : 28 Sep 2020 10:37
Operator : CG/JU
Sample : SSTD00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD005011

Manual Integrations APPROVED
mohammad
9/29/2020 3:26:09 PM

Quant Time: Sep 28 13:00:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM01-EPA-BG092820.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 28 12:38:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	59735	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	236439	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	166057	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	394922	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	446548	20.00	ng/ul	0.00
86) Perylene-d12	25.04	264	433292	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	3224	2.28	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	7.64	132	17137	4.42	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.27	128	6161	3.56	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	6865	3.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.54	165	16506	4.47	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.14	166	62603	5.10	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	77214	5.26	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.73	176	59179	5.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.58	188	95611	5.33	ng/ul	0.00
79) Pyrene-d10	19.86	212	117019	4.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.81	264	116459	5.39	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	2957	1.961	ng/uL#	92
10) 2-Chlorophenol	7.68	128	18123	4.571	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.92	70	17495	4.533	ng/ul#	96
17) Hexachloroethane	9.21	117	7815	4.311	ng/ul	92
20) Nitrobenzene	9.32	77	18122	3.726	ng/ul#	86
21) Isophorone	9.84	82	48993	5.243	ng/ul	99
23) 2-Nitrophenol	10.03	139	7314	3.534	ng/ul#	85
24) 2,4-Dimethylphenol	10.08	107	22988	5.015	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.33	93	28599	5.086	ng/ul	96
27) 2,4-Dichlorophenol	10.56	162	17280	4.763	ng/ul	97
28) Naphthalene	10.98	128	65714	5.234	ng/ul	97
31) Hexachlorobutadiene	11.27	225	18078	7.667	ng/ul	93
33) 4-Chloro-3-methylphenol	12.18	107	20394	4.557	ng/ul	90
34) 2-Methylnaphthalene	12.58	142	49486	5.580	ng/ul	89
35) 1-Methylnaphthalene	12.80	142	47487	5.246	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	32107	6.704	ng/ul	99
39) 2,4,6-Trichlorophenol	13.17	196	15065	4.840	ng/ul	89
40) 2,4,5-Trichlorophenol	13.24	196	15718m	4.700	ng/ul	
41) 1,1'-Biphenyl	13.58	154	67873	5.473	ng/ul	94
42) 2-Chloronaphthalene	13.62	162	52659	5.416	ng/ul	96
43) 2-Nitroaniline	13.81	65	8289	2.273	ng/ul	97
45) Dimethylphthalate	14.19	163	65813	5.218	ng/ul	98
46) 2,6-Dinitrotoluene	14.30	165	8674	3.427	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Acenaphthylene	14.46	152	78421	5.003	ng/ul	96
50) Acenaphthene	14.80	153	55078	5.225	ng/ul	95
54) Dibenzofuran	15.14	168	83424	5.718	ng/ul	96
55) 2,4-Dinitrotoluene	15.09	165	11610	3.150	ng/ul#	79
56) 2,3,4,6-Tetrachlorophenol	15.36	232	14331	4.894	ng/ul#	97
57) Diethylphthalate	15.55	149	63959	4.873	ng/ul	94
59) Fluorene	15.79	166	68327	5.561	ng/ul	92
60) 4-Chlorophenyl-phenylether	15.78	204	37701	6.152	ng/ul	98
65) N-Nitrosodiphenylamine	15.99	169	58019	5.027	ng/ul	97
66) 4-Bromophenyl-phenylether	16.67	248	24987	6.197	ng/ul	89
67) Hexachlorobenzene	16.78	284	12538	2.773	ng/ul	95
70) Phenanthrene	17.53	178	114701	5.255	ng/ul	96
72) Anthracene	17.61	178	117990	5.347	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	31163	5.834	ng/uL	94
74) Pentachlorobenzene	15.06	250	33196	6.418	ng/uL	95
76) Di-n-butylphthalate	18.45	149	104622	4.221	ng/ul	98
77) Fluoranthene	19.53	202	145732	5.809	ng/ul#	97
80) Pyrene	19.89	202	149304	4.641	ng/ul#	98
81) Butylbenzylphthalate	20.78	149	45245	3.354	ng/ul	95
83) Benzo(a)anthracene	21.74	228	155212	5.112	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.66	149	69715	3.426	ng/ul	99
85) Chrysene	21.81	228	151587	5.131	ng/ul	92
88) Benzo(b)fluoranthene	23.99	252	149520	5.475	ng/ul	98
89) Benzo(k)fluoranthene	24.06	252	143408	5.318	ng/ul#	98
91) Benzo(a)pyrene	24.89	252	139113	5.741	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	28.78	276	160766	6.122	ng/ul	95
93) Dibenzo(a,h)anthracene	28.84	278	134853	6.113	ng/ul	97
94) Benzo(g,h,i)perylene	29.94	276	136236m	6.439	ng/ul	

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

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