Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031121\
Data File : BG048355.D
Acq On : 11 Mar 2021 10:45
Operator : CG/JU
Sample : SSTD00502
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD005002

Manual Integrations APPROVED
mohammad
3/12/2021 12:04:12 PM

Quant Time: Mar 11 13:44:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG031121.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 11 13:21:22 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	42305	20.00	ng/ul	0.00
20) Naphthalene-d8	10.95	136	173044	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.77	164	134057	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.52	188	357498	20.00	ng/ul	0.00
79) Chrysene-d12	21.82	240	414904	20.00	ng/ul	0.00
88) Perylene-d12	25.17	264	405325	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	1984	2.14	ng/uL	0.00
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	0.00	99	0d	0.00	ng/ul	
9) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
11) 2-Chlorophenol-d4	7.65	132	11756	4.41	ng/ul	0.00
15) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
21) Nitrobenzene-d5	9.28	128	5639	3.96	ng/ul	0.00
24) 2-Nitrophenol-d4	10.01	143	5239	3.00	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.55	165	13962	4.30	ng/ul	0.00
31) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
46) Dimethylphthalate-d6	14.16	166	53206	4.88	ng/ul	0.00
49) Acenaphthylene-d8	14.46	160	59278	4.90	ng/ul	0.00
54) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
60) Fluorene-d10	15.75	176	46832	4.81	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
73) Anthracene-d10	17.62	188	77889m	4.53	ng/ul	0.00
81) Pyrene-d10	19.90	212	99148	4.46	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.92	264	102272	4.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	1655	1.429	ng/uL#	51
12) 2-Chlorophenol	7.68	128	13002	4.657	ng/ul#	92
17) N-Nitroso-di-n-propylamine	8.93	70	14865	5.119	ng/ul#	94
19) Hexachloroethane	9.21	117	6528	4.972	ng/ul#	92
22) Nitrobenzene	9.34	77	17120	3.823	ng/ul	96
23) Isophorone	9.85	82	40224	5.104	ng/ul	95
25) 2-Nitrophenol	10.04	139	6333m	3.426	ng/ul	
26) 2,4-Dimethylphenol	10.10	107	18488	4.709	ng/ul	93
27) Bis(2-Chloroethoxy)methane	10.34	93	19333	4.552	ng/ul	96
29) 2,4-Dichlorophenol	10.58	162	13740	4.296	ng/ul	95
30) Naphthalene	10.99	128	44065	4.610	ng/ul	97
33) Hexachlorobutadiene	11.28	225	13033	4.564	ng/ul#	91
35) 4-Chloro-3-methylphenol	12.20	107	15791	4.520	ng/ul	95
36) 2-Methylnaphthalene	12.60	142	34577	4.880	ng/ul	98
37) 1-Methylnaphthalene	12.82	142	33189	4.654	ng/ul	90
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	22832	4.300	ng/ul	95
41) 2,4,6-Trichlorophenol	13.19	196	14491	4.406	ng/ul	91
42) 2,4,5-Trichlorophenol	13.26	196	14736m	4.393	ng/ul	
43) 1,1'-Biphenyl	13.60	154	48603	4.842	ng/ul	95
44) 2-Chloronaphthalene	13.64	162	37024	4.367	ng/ul	99
45) 2-Nitroaniline	13.83	65	8442	2.637	ng/ul#	75
47) Dimethylphthalate	14.21	163	55817	4.949	ng/ul#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2,6-Dinitrotoluene	14.33	165	7810	3.279	ng/ul	87
50) Acenaphthylene	14.48	152	56331	4.696	ng/ul	97
52) Acenaphthene	14.83	153	41152	4.665	ng/ul	99
56) Dibenzofuran	15.16	168	60451	4.662	ng/ul	98
57) 2,4-Dinitrotoluene	15.11	165	11551	3.331	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.38	232	13378	4.315	ng/ul#	96
59) Diethylphthalate	15.57	149	55253	4.699	ng/ul	95
61) Fluorene	15.81	166	50919	4.846	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.80	204	32120	4.999	ng/ul	94
67) N-Nitrosodiphenylamine	16.01	169	45989	4.553	ng/ul	98
68) 4-Bromophenyl-phenylether	16.70	248	22443	4.956	ng/ul	88
69) Hexachlorobenzene	16.82	284	22220	4.535	ng/ul	93
72) Phenanthrene	17.56	178	85733	4.286	ng/ul	98
74) Anthracene	17.65	178	93240	4.636	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.57	216	24995	4.186	ng/uL	93
76) Pentachlorobenzene	15.08	250	27335	4.540	ng/uL	89
78) Di-n-butylphthalate	18.47	149	98185	4.553	ng/ul	98
80) Fluoranthene	19.57	202	120065	4.348	ng/ul	98
82) Pyrene	19.92	202	130005	4.726	ng/ul	99
83) Butylbenzylphthalate	20.82	149	42494	4.146	ng/ul	86
85) Benzo(a)anthracene	21.79	228	134369	4.778	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.70	149	61369	4.203	ng/ul	99
87) Chrysene	21.86	228	125867	4.586	ng/ul	96
90) Benzo(b)fluoranthene	24.09	252	127499m	4.544	ng/ul	
91) Benzo(k)fluoranthene	24.16	252	126984	4.672	ng/ul	97
93) Benzo(a)pyrene	25.00	252	112931	4.593	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.98	276	142668m	4.499	ng/ul	
95) Dibenzo(a,h)anthracene	29.06	278	111877	4.212	ng/ul	96
96) Benzo(g,h,i)perylene	30.18	276	115803m	4.455	ng/ul	

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

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