Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011521\
Data File : BG047927.D
Acq On : 15 Jan 2021 16:19
Operator : CG/JU
Sample : SSTD08003
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD080003

Manual Integrations APPROVED
mohammad
1/18/2021 3:36:02 PM

Quant Time: Jan 18 10:12:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG011521.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 15:35:35 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	88775	20.00	ng/ul	0.00
20) Naphthalene-d8	10.97	136	352349	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.78	164	240654	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.52	188	579405	20.00	ng/ul	0.00
79) Chrysene-d12	21.80	240	548113	20.00	ng/ul	0.00
88) Perylene-d12	25.12	264	591968	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.56	96	74482	29.41	ng/uL	0.00
4) Pyridine-d5	3.97	84	512210	76.09	ng/ul	0.00
7) Phenol-d5	7.30	99	568517	74.31	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.47	67	352210	72.42	ng/ul	0.00
11) 2-Chlorophenol-d4	7.69	132	435170	74.48	ng/ul	0.00
15) 4-Methylphenol-d8	8.85	113	455541	75.36	ng/ul	0.00
21) Nitrobenzene-d5	9.32	128	202998	92.19	ng/ul	0.00
24) 2-Nitrophenol-d4	10.04	143	219092	94.03	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.58	165	490851	78.30	ng/ul	0.00
31) 4-Chloroaniline-d4	11.10	131	631903	75.53	ng/ul	0.00
46) Dimethylphthalate-d6	14.18	166	1411836	71.14	ng/ul	0.01
49) Acenaphthylene-d8	14.47	160	1638643	69.84	ng/ul	0.00
54) 4-Nitrophenol-d4	14.96	143	262949	89.99	ng/ul	0.02
60) Fluorene-d10	15.77	176	1249012	70.53	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.88	200	243371	93.74	ng/ul	0.01
73) Anthracene-d10	17.62	188	1903741	68.57	ng/ul	0.00
81) Pyrene-d10	19.90	212	2124526	71.24	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.90	264	2402151	73.24	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.60	88	79283	29.933	ng/uL	98
5) Pyridine	4.00	79	510092	74.757	ng/ul	99
6) Benzaldehyde	7.29	77	283476	81.895	ng/ul	95
8) Phenol	7.32	94	562603	72.800	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.57	93	437733	73.419	ng/ul	96
12) 2-Chlorophenol	7.72	128	420702	72.960	ng/ul	99
13) 2-Methylphenol	8.58	108	446150	75.065	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.68	45	634874	70.856	ng/ul	98
16) Acetophenone	8.98	105	676344	72.777	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.98	70	383632	70.776	ng/ul	91
18) 4-Methylphenol	8.92	108	459133	74.417	ng/ul	97
19) Hexachloroethane	9.25	117	188778	73.881	ng/ul	92
22) Nitrobenzene	9.37	77	580336	87.863	ng/ul	100
23) Isophorone	9.90	82	1108532	71.699	ng/ul	99
25) 2-Nitrophenol	10.08	139	245988	93.895	ng/ul	97
26) 2,4-Dimethylphenol	10.12	107	528451	72.569	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.37	93	600756	72.727	ng/ul	97
29) 2,4-Dichlorophenol	10.61	162	439406	76.639	ng/ul	96
30) Naphthalene	11.02	128	1373626	72.569	ng/ul	99
32) 4-Chloroaniline	11.12	127	576794	75.362	ng/ul	94
33) Hexachlorobutadiene	11.31	225	377524	72.692	ng/ul	97
34) Caprolactam	11.90	113	158675m	74.708	ng/ul	

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35) 4-Chloro-3-methylphenol	12.23	107	498825	76.927	ng/ul	99
36) 2-Methylnaphthalene	12.62	142	1026942	72.643	ng/ul	99
37) 1-Methylnaphthalene	12.83	142	979118	72.477	ng/ul#	96
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	659168	72.192	ng/ul	99
40) Hexachlorocyclopentadiene	12.96	237	412309	74.400	ng/ul	96
41) 2,4,6-Trichlorophenol	13.21	196	426878	79.340	ng/ul	98
42) 2,4,5-Trichlorophenol	13.28	196	449634	79.040	ng/ul	98
43) 1,1'-Biphenyl	13.61	154	1302882	69.209	ng/ul#	96
44) 2-Chloronaphthalene	13.66	162	1047235	71.472	ng/ul	97
45) 2-Nitroaniline	13.86	65	360298	104.430	ng/ul	94
47) Dimethylphthalate	14.23	163	1391573	68.643	ng/ul	97
48) 2,6-Dinitrotoluene	14.35	165	305627	100.862	ng/ul	90
50) Acenaphthylene	14.50	152	1547100	68.691	ng/ul	96
51) 3-Nitroaniline	14.67	138	256600	96.442	ng/ul#	97
52) Acenaphthene	14.84	153	1169216	71.356	ng/ul	97
53) 2,4-Dinitrophenol	14.87	184	172086	91.183	ng/ul#	60
55) 4-Nitrophenol	14.97	109	272315	87.911	ng/ul	98
56) Dibenzofuran	15.18	168	1528552	68.949	ng/ul	93
57) 2,4-Dinitrotoluene	15.13	165	434986	103.506	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.39	232	440286	84.749	ng/ul	97
59) Diethylphthalate	15.59	149	1421999	70.369	ng/ul	96
61) Fluorene	15.82	166	1308551	69.618	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.82	204	778226	72.126	ng/ul	98
63) 4-Nitroaniline	15.84	138	249349	92.352	ng/ul	90
66) 4,6-Dinitro-2-methylphenol	15.89	198	273323	95.086	ng/ul#	88
67) N-Nitrosodiphenylamine	16.03	169	1205415	71.830	ng/ul	98
68) 4-Bromophenyl-phenylether	16.71	248	535548	74.995	ng/ul	94
69) Hexachlorobenzene	16.83	284	547253	74.945	ng/ul	97
70) Atrazine	16.97	200	531230	75.322	ng/ul	98
71) Pentachlorophenol	17.16	266	365290	82.240	ng/ul	94
72) Phenanthrene	17.57	178	2138890	68.168	ng/ul#	92
74) Anthracene	17.66	178	2110131	67.272	ng/ul#	91
75) 1,2,3,4-Tetrachlorobenzene	13.58	216	687048	75.278	ng/uL	97
76) Pentachlorobenzene	15.09	250	660658	74.276	ng/uL	97
77) Carbazole	17.92	167	1892260	73.234	ng/ul	93
78) Di-n-butylphthalate	18.48	149	2225601	65.551	ng/ul#	94
80) Fluoranthene	19.57	202	2645816	70.265	ng/ul#	96
82) Pyrene	19.93	202	2487971	67.232	ng/ul#	94
83) Butylbenzylphthalate	20.81	149	1066764	81.945	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.69	252	965690	75.860	ng/ul	99
85) Benzo(a)anthracene	21.79	228	2673327	69.738	ng/ul#	91
86) Bis(2-ethylhexyl)phthalate	21.70	149	1462319	75.712	ng/ul#	93
87) Chrysene	21.86	228	2544202m	69.025	ng/ul	
89) Di-n-octyl phthalate	22.95	149	2466374	73.351	ng/ul	100
90) Benzo(b)fluoranthene	24.07	252	2944197	72.124	ng/ul	94
91) Benzo(k)fluoranthene	24.14	252	2713547m	67.797	ng/ul	
93) Benzo(a)pyrene	24.98	252	2634085	71.573	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.92	276	3436410	75.608	ng/ul	98
95) Dibenzo(a,h)anthracene	29.00	278	2752283	74.187	ng/ul	98
96) Benzo(g,h,i)perylene	30.12	276	2827580	75.604	ng/ul	99

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

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