Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111820\
Data File : BG047341.D
Acq On : 18 Nov 2020 16:05
Operator : CG/JU
Sample : SSTD01003
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD010031

Manual Integrations APPROVED
mohammad
11/20/2020 11:28:58 AM

Quant Time: Nov 19 03:23:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG111820.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 03:08:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	39972	20.00	ng/ul	0.00
20) Naphthalene-d8	11.10	136	156290	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.88	164	119057	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	309166	20.00	ng/ul	0.00
79) Chrysene-d12	21.90	240	324629	20.00	ng/ul	0.00
88) Perylene-d12	25.30	264	332119	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	4116m	4.52	ng/uL	0.00
4) Pyridine-d5	4.04	84	27104m	9.33	ng/ul	0.00
7) Phenol-d5	7.40	99	35063	9.20	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.58	67	23184	9.41	ng/ul	0.00
11) 2-Chlorophenol-d4	7.80	132	24442	8.80	ng/ul	0.00
15) 4-Methylphenol-d8	8.96	113	28599	9.26	ng/ul	0.00
21) Nitrobenzene-d5	9.44	128	12836	10.12	ng/ul	0.00
24) 2-Nitrophenol-d4	10.17	143	12551	8.77	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.70	165	30742	11.28	ng/ul	0.00
31) 4-Chloroaniline-d4	11.22	131	41095	11.04	ng/ul	0.00
46) Dimethylphthalate-d6	14.28	166	105296	10.75	ng/ul	0.00
49) Acenaphthylene-d8	14.58	160	117061	9.93	ng/ul	0.00
54) 4-Nitrophenol-d4	15.03	143	13747	7.78	ng/ul	0.00
60) Fluorene-d10	15.87	176	95477	11.40	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.97	200	13757	6.82	ng/ul	0.00
73) Anthracene-d10	17.72	188	159019	10.34	ng/ul	0.00
81) Pyrene-d10	19.98	212	178649	8.76	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.06	264	182073	10.09	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	4801m	4.955	ng/uL	
5) Pyridine	4.07	79	28806	9.849	ng/ul	98
6) Benzaldehyde	7.39	77	19617	10.920	ng/ul	93
8) Phenol	7.43	94	35410	9.097	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.68	93	27363	8.643	ng/ul	97
12) 2-Chlorophenol	7.83	128	25032	8.742	ng/ul#	90
13) 2-Methylphenol	8.70	108	25944	8.808	ng/ul	83
14) 2,2'-oxybis(1-Chloropropan	8.81	45	30492m	6.039	ng/ul	
16) Acetophenone	9.10	105	49355	9.741	ng/ul	94
17) N-Nitroso-di-n-propylamine	9.07	70	28792	10.073	ng/ul#	96
18) 4-Methylphenol	9.03	108	30526	9.586	ng/ul	84
19) Hexachloroethane	9.37	117	11199	7.996	ng/ul	96
22) Nitrobenzene	9.48	77	37496	9.708	ng/ul#	96
23) Isophorone	10.01	82	80653	11.336	ng/ul	96
25) 2-Nitrophenol	10.20	139	14394	9.482	ng/ul	98
26) 2,4-Dimethylphenol	10.24	107	38024	10.911	ng/ul	97
27) Bis(2-Chloroethoxy)methane	10.49	93	38170	9.405	ng/ul	97
29) 2,4-Dichlorophenol	10.73	162	26974	10.189	ng/ul	92
30) Naphthalene	11.15	128	86862	9.979	ng/ul	97
32) 4-Chloroaniline	11.25	127	38116	10.480	ng/ul	99
33) Hexachlorobutadiene	11.44	225	27781	14.330	ng/ul#	79
34) Caprolactam	11.99	113	11589m	12.532	ng/ul	

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35) 4-Chloro-3-methylphenol	12.33	107	35145	10.885	ng/ul	98
36) 2-Methylnaphthalene	12.74	142	68042	10.840	ng/ul	99
37) 1-Methylnaphthalene	12.95	142	65073	10.843	ng/ul	95
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	47394	11.695	ng/ul	95
40) Hexachlorocyclopentadiene	13.08	237	32307	11.764	ng/ul	96
41) 2,4,6-Trichlorophenol	13.32	196	28182	10.555	ng/ul	87
42) 2,4,5-Trichlorophenol	13.39	196	30316	10.520	ng/ul	93
43) 1,1'-Biphenyl	13.72	154	93701	9.557	ng/ul	97
44) 2-Chloronaphthalene	13.77	162	73638	9.422	ng/ul	98
45) 2-Nitroaniline	13.96	65	23076	8.177	ng/ul	92
47) Dimethylphthalate	14.33	163	106578	10.510	ng/ul	99
48) 2,6-Dinitrotoluene	14.44	165	18785	9.195	ng/ul	93
50) Acenaphthylene	14.61	152	110193	9.543	ng/ul	96
51) 3-Nitroaniline	14.77	138	15587	8.508	ng/ul#	95
52) Acenaphthene	14.95	153	80049	9.827	ng/ul#	93
53) 2,4-Dinitrophenol	14.97	184	6751m	5.675	ng/ul	
55) 4-Nitrophenol	15.04	109	19893	9.997	ng/ul	87
56) Dibenzofuran	15.28	168	115055	10.124	ng/ul	100
57) 2,4-Dinitrotoluene	15.22	165	25639	8.910	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.50	232	26992	11.023	ng/ul	95
59) Diethylphthalate	15.68	149	105476	10.052	ng/ul	97
61) Fluorene	15.92	166	99255	10.481	ng/ul#	97
62) 4-Chlorophenyl-phenylether	15.91	204	60491	12.474	ng/ul#	90
63) 4-Nitroaniline	15.92	138	15636	8.851	ng/ul	90
66) 4,6-Dinitro-2-methylphenol	15.98	198	13701m	6.449	ng/ul	
67) N-Nitrosodiphenylamine	16.12	169	91893	9.468	ng/ul	94
68) 4-Bromophenyl-phenylether	16.81	248	38255	10.752	ng/ul	96
69) Hexachlorobenzene	16.92	284	41725	10.687	ng/ul	93
70) Atrazine	17.05	200	42449	11.090	ng/ul	97
71) Pentachlorophenol	17.26	266	20321m	8.391	ng/ul	
72) Phenanthrene	17.66	178	166947	9.156	ng/ul	96
74) Anthracene	17.75	178	174454	9.356	ng/ul	97
75) 1,2,3,4-Tetrachlorobenzene	13.69	216	48681	9.856	ng/uL	94
76) Pentachlorobenzene	15.20	250	47960	10.066	ng/uL	94
77) Carbazole	18.01	167	146226	9.299	ng/ul	99
78) Di-n-butylphthalate	18.56	149	180931	8.440	ng/ul	100
80) Fluoranthene	19.65	202	227271	8.474	ng/ul#	96
82) Pyrene	20.01	202	231745	8.574	ng/ul	99
83) Butylbenzylphthalate	20.88	149	77304	6.596	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.78	252	82723	12.520	ng/ul	97
85) Benzo(a)anthracene	21.88	228	231186	10.138	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.78	149	106856	6.612	ng/ul	99
87) Chrysene	21.95	228	218306	9.986	ng/ul	97
89) Di-n-octyl phthalate	23.06	149	186147	6.016	ng/ul	100
90) Benzo(b)fluoranthene	24.22	252	227967	9.809	ng/ul	98
91) Benzo(k)fluoranthene	24.29	252	220384	10.131	ng/ul	95
93) Benzo(a)pyrene	25.13	252	204505	10.034	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.20	276	246753	10.684	ng/ul#	91
95) Dibenzo(a,h)anthracene	29.28	278	202173	10.432	ng/ul#	95
96) Benzo(g,h,i)perylene	30.41	276	202826	10.741	ng/ul	94

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

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