Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111820\
Data File : BG047346.D
Acq On : 18 Nov 2020 20:07
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SICV008

Manual Integrations APPROVED
mohammad
11/20/2020 11:29:12 AM

Quant Time: Nov 19 04:25:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG111820.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 04:10:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	36496	20.00	ng/ul	0.00
20) Naphthalene-d8	11.10	136	149063	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.88	164	113922	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	299694m	20.00	ng/ul	0.00
79) Chrysene-d12	21.90	240	293238	20.00	ng/ul	0.00
88) Perylene-d12	25.30	264	302809	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	7716m	8.38	ng/uL	0.00
4) Pyridine-d5	4.04	84	56277	19.90	ng/ul	0.00
7) Phenol-d5	7.40	99	69037	19.74	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.59	67	41946	20.50	ng/ul	0.00
11) 2-Chlorophenol-d4	7.80	132	47784	20.02	ng/ul	0.00
15) 4-Methylphenol-d8	8.96	113	54994	20.25	ng/ul	0.00
21) Nitrobenzene-d5	9.44	128	24979	20.19	ng/ul	0.00
24) 2-Nitrophenol-d4	10.17	143	25975	20.06	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.71	165	59542	19.99	ng/ul	0.00
31) 4-Chloroaniline-d4	11.22	131	75138	20.42	ng/ul	0.00
46) Dimethylphthalate-d6	14.28	166	202562	21.26	ng/ul	0.00
49) Acenaphthylene-d8	14.58	160	222383	20.46	ng/ul	0.00
54) 4-Nitrophenol-d4	15.04	143	31212	22.44	ng/ul	0.00
60) Fluorene-d10	15.87	176	178209	20.70	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.96	200	32229	20.30	ng/ul	0.00
73) Anthracene-d10	17.72	188	287329	19.80	ng/ul	0.00
81) Pyrene-d10	19.98	212	335200	20.26	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.07	264	345353	20.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	8252m	7.744	ng/uL	
5) Pyridine	4.06	79	55779	20.299	ng/ul	98
6) Benzaldehyde	7.40	77	35625	20.577	ng/ul	99
8) Phenol	7.43	94	69916	20.573	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.68	93	51803	20.635	ng/ul	95
12) 2-Chlorophenol	7.83	128	47181	19.656	ng/ul	95
13) 2-Methylphenol	8.70	108	52429	19.994	ng/ul	92
14) 2,2'-oxybis(1-Chloropropan	8.80	45	57527	20.644	ng/ul	98
16) Acetophenone	9.10	105	89524	20.110	ng/ul	97
17) N-Nitroso-di-n-propylamine	9.08	70	53512	20.006	ng/ul#	95
18) 4-Methylphenol	9.02	108	56912	20.119	ng/ul	97
19) Hexachloroethane	9.38	117	21494	19.437	ng/ul#	79
22) Nitrobenzene	9.48	77	78026	20.394	ng/ul	96
23) Isophorone	10.01	82	156810	20.648	ng/ul	99
25) 2-Nitrophenol	10.20	139	28758	20.565	ng/ul#	83
26) 2,4-Dimethylphenol	10.24	107	73931	20.117	ng/ul	95
27) Bis(2-Chloroethoxy)methane	10.49	93	73865	20.000	ng/ul	97
29) 2,4-Dichlorophenol	10.73	162	53470	19.738	ng/ul	95
30) Naphthalene	11.15	128	171263	20.499	ng/ul	97
32) 4-Chloroaniline	11.24	127	73556	21.019	ng/ul	94
33) Hexachlorobutadiene	11.44	225	54083	21.173	ng/ul#	84
34) Caprolactam	11.99	113	22390m	21.801	ng/ul	

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35) 4-Chloro-3-methylphenol	12.33	107	68153	19.928	ng/ul	94
36) 2-Methylnaphthalene	12.74	142	129451	20.450	ng/ul	98
37) 1-Methylnaphthalene	12.95	142	123707	20.223	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	91886	20.870	ng/ul	97
40) Hexachlorocyclopentadiene	13.08	237	62587	20.019	ng/ul	96
41) 2,4,6-Trichlorophenol	13.32	196	56550	20.919	ng/ul	91
42) 2,4,5-Trichlorophenol	13.39	196	59710	20.962	ng/ul	89
43) 1,1'-Biphenyl	13.73	154	177962	20.829	ng/ul#	95
44) 2-Chloronaphthalene	13.77	162	142631	20.928	ng/ul	99
45) 2-Nitroaniline	13.96	65	51137	21.906	ng/ul	90
47) Dimethylphthalate	14.33	163	202795	20.908	ng/ul	98
48) 2,6-Dinitrotoluene	14.44	165	38761	21.360	ng/ul	95
50) Acenaphthylene	14.61	152	210003	20.571	ng/ul	98
51) 3-Nitroaniline	14.77	138	30702	20.560	ng/ul#	94
52) Acenaphthene	14.95	153	150426	20.491	ng/ul	96
53) 2,4-Dinitrophenol	14.97	184	18461	19.878	ng/ul	95
55) 4-Nitrophenol	15.05	109	44972	22.266	ng/ul	91
56) Dibenzofuran	15.28	168	215126	20.519	ng/ul	97
57) 2,4-Dinitrotoluene	15.22	165	54071	21.267	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.49	232	58646	22.332	ng/ul	96
59) Diethylphthalate	15.68	149	199941	20.481	ng/ul	97
61) Fluorene	15.92	166	182229	20.306	ng/ul	94
62) 4-Chlorophenyl-phenylether	15.91	204	110122	20.227	ng/ul	98
63) 4-Nitroaniline	15.92	138	32546	21.770	ng/ul	93
66) 4,6-Dinitro-2-methylphenol	15.98	198	33796m	20.161	ng/ul	
67) N-Nitrosodiphenylamine	16.12	169	172486	20.231	ng/ul	94
68) 4-Bromophenyl-phenylether	16.81	248	77554	20.623	ng/ul	98
69) Hexachlorobenzene	16.92	284	82674	20.614	ng/ul	95
70) Atrazine	17.05	200	79058	20.853	ng/ul	93
71) Pentachlorophenol	17.26	266	47251	21.819	ng/ul	96
72) Phenanthrene	17.66	178	321904m	20.160	ng/ul	
74) Anthracene	17.75	178	318873	19.796	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.70	216	90389	19.233	ng/uL	98
76) Pentachlorobenzene	15.20	250	91556	19.776	ng/uL	93
77) Carbazole	18.01	167	270126	20.754	ng/ul	96
78) Di-n-butylphthalate	18.56	149	339339	20.011	ng/ul	99
80) Fluoranthene	19.65	202	431012	20.612	ng/ul	99
82) Pyrene	20.01	202	416748	20.147	ng/ul	99
83) Butylbenzylphthalate	20.88	149	147689	20.254	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.78	252	150148	20.297	ng/ul	95
85) Benzo(a)anthracene	21.88	228	418300	20.405	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.78	149	207488	20.417	ng/ul	100
87) Chrysene	21.95	228	397593	20.201	ng/ul	97
89) Di-n-octyl phthalate	23.06	149	346942	20.730	ng/ul	100
90) Benzo(b)fluoranthene	24.21	252	431924	20.561	ng/ul	98
91) Benzo(k)fluoranthene	24.28	252	405172	20.074	ng/ul	99
93) Benzo(a)pyrene	25.14	252	381998	20.473	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.20	276	454367	20.174	ng/ul#	96
95) Dibenzo(a,h)anthracene	29.28	278	379352	20.496	ng/ul	99
96) Benzo(g,h,i)perylene	30.42	276	377390	20.218	ng/ul	97

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

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