Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031221\
Data File : BG048367.D
Acq On : 12 Mar 2021 13:24
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020010

Manual Integrations APPROVED
mohammad
3/15/2021 11:31:20 AM

Quant Time: Mar 12 14:01:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG031121.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 12 10:06:23 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	45793	20.00	ng/ul	0.00
20) Naphthalene-d8	10.94	136	183072	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.76	164	141366	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.51	188	362760	20.00	ng/ul	0.00
79) Chrysene-d12	21.81	240	380290	20.00	ng/ul	0.00
88) Perylene-d12	25.16	264	369947	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	7186	6.80	ng/uL	0.00
4) Pyridine-d5	3.93	84	57965	17.91	ng/ul	0.00
7) Phenol-d5	7.26	99	70253	17.66	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.44	67	45675	18.59	ng/ul	0.00
11) 2-Chlorophenol-d4	7.64	132	50314	18.20	ng/ul	0.00
15) 4-Methylphenol-d8	8.81	113	61003	18.69	ng/ul	0.00
21) Nitrobenzene-d5	9.28	128	24772	19.54	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.01	143	26990	19.45	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.55	165	64659	18.96	ng/ul	0.00
31) 4-Chloroaniline-d4	11.07	131	75331	17.54	ng/ul	0.00
46) Dimethylphthalate-d6	14.16	166	210707	18.12	ng/ul	0.00
49) Acenaphthylene-d8	14.45	160	232656	18.22	ng/ul	0.00
54) 4-Nitrophenol-d4	14.92	143	31839	18.38	ng/ul	0.00
60) Fluorene-d10	15.75	176	184579	17.98	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.86	200	33892	18.28	ng/ul	0.00
73) Anthracene-d10	17.61	188	306831	18.51	ng/ul	0.00
81) Pyrene-d10	19.90	212	367277	18.89	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.92	264	372300	18.56	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	8082	7.620	ng/uL	98
5) Pyridine	3.95	79	58627	18.139	ng/ul	92
6) Benzaldehyde	7.25	77	58470	23.274	ng/ul	96
8) Phenol	7.28	94	77751	18.486	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.53	93	57517	18.752	ng/ul	97
12) 2-Chlorophenol	7.68	128	52621	17.932	ng/ul	92
13) 2-Methylphenol	8.55	108	57544	18.288	ng/ul	89
14) 2,2'-oxybis(1-Chloropropan	8.65	45	68950	19.027	ng/ul#	94
16) Acetophenone	8.94	105	96620	18.059	ng/ul	96
17) N-Nitroso-di-n-propylamine	8.93	70	60371	19.032	ng/ul	98
18) 4-Methylphenol	8.88	108	61350	18.573	ng/ul	100
19) Hexachloroethane	9.22	117	23576	17.242	ng/ul	97
22) Nitrobenzene	9.33	77	82569	19.759	ng/ul#	95
23) Isophorone	9.85	82	158743	18.378	ng/ul	98
25) 2-Nitrophenol	10.04	139	29347	18.569	ng/ul#	75
26) 2,4-Dimethylphenol	10.10	107	77890	18.730	ng/ul	97
27) Bis(2-Chloroethoxy)methane	10.34	93	79413	18.263	ng/ul	96
29) 2,4-Dichlorophenol	10.58	162	59192	18.581	ng/ul	95
30) Naphthalene	10.99	128	179741	18.578	ng/ul	99
32) 4-Chloroaniline	11.09	127	77586	18.370	ng/ul	94
33) Hexachlorobutadiene	11.28	225	57620	19.015	ng/ul	99
34) Caprolactam	11.86	113	21592m	17.790	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.20	107	69057	18.483 ng/ul	97
36) 2-Methylnaphthalene	12.59	142	139736	18.725 ng/ul	93
37) 1-Methylnaphthalene	12.82	142	137527	18.607 ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	100018	18.586 ng/ul	92
40) Hexachlorocyclopentadiene	12.94	237	70684	18.089 ng/ul	97
41) 2,4,6-Trichlorophenol	13.19	196	61626	18.609 ng/ul#	98
42) 2,4,5-Trichlorophenol	13.26	196	67183	18.900 ng/ul	98
43) 1,1'-Biphenyl	13.60	154	191465	18.304 ng/ul	99
44) 2-Chloronaphthalene	13.64	162	149150	18.203 ng/ul	96
45) 2-Nitroaniline	13.83	65	53980	21.326 ng/ul	95
47) Dimethylphthalate	14.21	163	213121	18.143 ng/ul	97
48) 2,6-Dinitrotoluene	14.33	165	41514	20.635 ng/ul	92
50) Acenaphthylene	14.48	152	222887	18.201 ng/ul	99
51) 3-Nitroaniline	14.65	138	37357	19.314 ng/ul#	85
52) Acenaphthene	14.82	153	165870	18.264 ng/ul	97
53) 2,4-Dinitrophenol	14.85	184	23839	17.812 ng/ul#	85
55) 4-Nitrophenol	14.94	109	45542	19.855 ng/ul	93
56) Dibenzofuran	15.16	168	237998	18.449 ng/ul	98
57) 2,4-Dinitrotoluene	15.11	165	58791	20.316 ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.38	232	63771	18.979 ng/ul#	94
59) Diethylphthalate	15.57	149	212906	18.136 ng/ul	99
61) Fluorene	15.81	166	202814	18.469 ng/ul	92
62) 4-Chlorophenyl-phenylether	15.80	204	121025	18.169 ng/ul	96
63) 4-Nitroaniline	15.81	138	41029	20.373 ng/ul	90
66) 4,6-Dinitro-2-methylphenol	15.87	198	34721	17.838 ng/ul#	97
67) N-Nitrosodiphenylamine	16.01	169	185296	18.441 ng/ul	98
68) 4-Bromophenyl-phenylether	16.70	248	82426	17.866 ng/ul	98
69) Hexachlorobenzene	16.81	284	87779	18.103 ng/ul	93
70) Atrazine	16.96	200	81547	18.034 ng/ul	95
71) Pentachlorophenol	17.15	266	54795	17.813 ng/ul	96
72) Phenanthrene	17.55	178	342683	18.605 ng/ul	98
74) Anthracene	17.65	178	345104	18.212 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.56	216	102184	17.967 ng/uL	97
76) Pentachlorobenzene	15.08	250	109908	18.449 ng/uL	97
77) Carbazole	17.91	167	299381	18.648 ng/ul	98
78) Di-n-butylphthalate	18.47	149	364659	18.149 ng/ul	99
80) Fluoranthene	19.56	202	460445	19.080 ng/ul	98
82) Pyrene	19.92	202	455787	18.913 ng/ul	99
83) Butylbenzylphthalate	20.81	149	157894	18.320 ng/ul	91
84) 3,3'-Dichlorobenzidine	21.70	252	174438	18.727 ng/ul	97
85) Benzo(a)anthracene	21.79	228	462130	18.392 ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.69	149	224782	17.891 ng/ul	100
87) Chrysene	21.86	228	442907	18.434 ng/ul	98
89) Di-n-octyl phthalate	22.96	149	378683	18.805 ng/ul	100
90) Benzo(b)fluoranthene	24.09	252	456505	18.657 ng/ul	98
91) Benzo(k)fluoranthene	24.16	252	455152	18.928 ng/ul	99
93) Benzo(a)pyrene	25.00	252	404985	18.840 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.98	276	508077	18.375 ng/ul	99
95) Dibenzo(a,h)anthracene	29.07	278	428248	19.050 ng/ul	97
96) Benzo(g,h,i)perylene	30.18	276	423406	18.892 ng/ul	97

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

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