Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110220\
Data File : BG047192.D
Acq On : 2 Nov 2020 10:34
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02049

Manual Integrations APPROVED
mohammad
11/3/2020 10:01:40 AM

Quant Time: Nov 02 10:54:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 02 10:50:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	50951	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	211853	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	153860	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	371345	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	382758	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	393104	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	9229	7.31	ng/uL	0.00
5) Phenol-d5	7.20	99	81405	18.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	47795	18.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	60357	17.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	65836	18.66	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	30325	17.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	34681	16.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	71121	17.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	69301	20.08	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	217607	17.20	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	256905	17.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	34262	17.20	ng/ul	0.00
58) Fluorene-d10	15.68	176	201719	17.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	41170	16.08	ng/ul	0.00
71) Anthracene-d10	17.53	188	313703	17.43	ng/ul	0.00
79) Pyrene-d10	19.81	212	384161	17.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.71	264	375183	17.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	10002	7.385	ng/uL	90
4) Benzaldehyde	7.19	77	49056	16.721	ng/ul	93
6) Phenol	7.23	94	79531	18.429	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.47	93	64230	18.994	ng/ul	95
10) 2-Chlorophenol	7.62	128	63483	18.588	ng/ul	97
11) 2-Methylphenol	8.49	108	60281	18.214	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.58	45	96958	19.297	ng/ul	97
14) Acetophenone	8.87	105	101155	18.768	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.85	70	52767	18.094	ng/ul	99
16) 4-Methylphenol	8.82	108	64283	18.493	ng/ul	87
17) Hexachloroethane	9.15	117	27787	17.638	ng/ul	92
20) Nitrobenzene	9.26	77	85006	17.729	ng/ul	99
21) Isophorone	9.78	82	146982	17.021	ng/ul	99
23) 2-Nitrophenol	9.97	139	35897	16.874	ng/ul	92
24) 2,4-Dimethylphenol	10.02	107	74607	17.252	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.26	93	84145	17.268	ng/ul#	98
27) 2,4-Dichlorophenol	10.51	162	65671	17.203	ng/ul	86
28) Naphthalene	10.92	128	202723	17.033	ng/ul	99
30) 4-Chloroaniline	11.02	127	63318	19.287	ng/ul	97
31) Hexachlorobutadiene	11.20	225	57578	17.191	ng/ul	92
32) Caprolactam	11.77	113	21112m	16.233	ng/ul	
33) 4-Chloro-3-methylphenol	12.13	107	69099	17.605	ng/ul#	95
34) 2-Methylnaphthalene	12.52	142	153893	18.124	ng/ul	100

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35) 1-Methylnaphthalene	12.74	142	175435	17.632	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	102318	17.073	ng/ul#	98
38) Hexachlorocyclopentadiene	12.86	237	56542	15.047	ng/ul	99
39) 2,4,6-Trichlorophenol	13.12	196	61977	16.960	ng/ul	99
40) 2,4,5-Trichlorophenol	13.19	196	63689	17.008	ng/ul	95
41) 1,1'-Biphenyl	13.52	154	207678	17.108	ng/ul	99
42) 2-Chloronaphthalene	13.57	162	166236	16.979	ng/ul	97
43) 2-Nitroaniline	13.76	65	51527	17.503	ng/ul	98
45) Dimethylphthalate	14.13	163	216683	17.067	ng/ul	98
46) 2,6-Dinitrotoluene	14.25	165	46569	16.947	ng/ul	98
48) Acenaphthylene	14.41	152	243584	17.397	ng/ul	97
49) 3-Nitroaniline	14.58	138	33172	18.478	ng/ul	97
50) Acenaphthene	14.75	153	173517	17.128	ng/ul	94
51) 2,4-Dinitrophenol	14.79	184	23878	16.808	ng/ul	96
53) 4-Nitrophenol	14.88	109	36641	17.993	ng/ul	93
54) Dibenzofuran	15.08	168	256923	17.428	ng/ul	97
55) 2,4-Dinitrotoluene	15.04	165	67981	18.010	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.31	232	62761	15.963	ng/ul#	89
57) Diethylphthalate	15.49	149	214306	16.843	ng/ul	98
59) Fluorene	15.73	166	214174	17.699	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.72	204	118723	17.100	ng/ul	98
61) 4-Nitroaniline	15.74	138	35932	17.275	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.81	198	43776	16.581	ng/ul#	89
65) N-Nitrosodiphenylamine	15.93	169	185906	17.322	ng/ul	96
66) 4-Bromophenyl-phenylether	16.62	248	85522	17.362	ng/ul	98
67) Hexachlorobenzene	16.74	284	88988	17.068	ng/ul	98
68) Atrazine	16.88	200	82455	17.802	ng/ul#	96
69) Pentachlorophenol	17.08	266	46204	15.540	ng/ul	94
70) Phenanthrene	17.47	178	368200	17.678	ng/ul	97
72) Anthracene	17.57	178	368201	17.591	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.49	216	105793	16.959	ng/uL	98
74) Pentachlorobenzene	15.01	250	100811	16.856	ng/uL	98
75) Carbazole	17.83	167	292773	18.209	ng/ul	99
76) Di-n-butylphthalate	18.38	149	366869	17.104	ng/ul	98
77) Fluoranthene	19.48	202	473809	18.901	ng/ul	100
80) Pyrene	19.84	202	469129	17.910	ng/ul	98
81) Butylbenzylphthalate	20.72	149	163770	17.022	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.59	252	138189	19.730	ng/ul	97
83) Benzo(a)anthracene	21.68	228	457354	17.638	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	231701	17.361	ng/ul	98
85) Chrysene	21.75	228	437671	17.544	ng/ul	96
87) Di-n-octyl phthalate	22.79	149	394682	17.935	ng/ul	100
88) Benzo(b)fluoranthene	23.91	252	451521	17.291	ng/ul	97
89) Benzo(k)fluoranthene	23.97	252	448349	17.719	ng/ul	99
91) Benzo(a)pyrene	24.78	252	417628	17.760	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.63	276	495018m	16.940	ng/ul	
93) Dibenzo(a,h)anthracene	28.68	278	403604	17.027	ng/ul	98
94) Benzo(g,h,i)perylene	29.77	276	422411	17.295	ng/ul	95

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

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