Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102020\
Data File : BG047009.D
Acq On : 20 Oct 2020 22:29
Operator : CG/JU
Sample : SSTDCCC020EC
Misc : GCMS CONFIRMATION
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 21 00:49:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 21 00:09:38 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD02042

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/21/2020
Supervised By :mohammad ahmed 10/21/2020

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	76598	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	293061	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	204383	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	498299	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	519424	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	509052	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	12939	7.50	ng/uL	0.00
5) Phenol-d5	7.22	99	141247	21.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	77737	19.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	106252	21.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	106652	19.76	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	51073	20.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	60084	21.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	120689	21.65	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	123300	19.24	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	341124	20.09	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	407902	21.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	58762	20.08	ng/ul	0.00
58) Fluorene-d10	15.69	176	320021	20.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	68458	19.95	ng/ul	0.00
71) Anthracene-d10	17.54	188	502516	20.82	ng/ul	0.00
79) Pyrene-d10	19.82	212	617334	21.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	601723	20.99	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	16253	7.899	ng/uL	97
4) Benzaldehyde	7.20	77	60569	15.407	ng/ul	91
6) Phenol	7.24	94	137489	19.423	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.49	93	111042	20.699	ng/ul	94
10) 2-Chlorophenol	7.63	128	105247	20.678	ng/ul	96
11) 2-Methylphenol	8.50	108	102988	19.529	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.60	45	155294	20.239	ng/ul	98
14) Acetophenone	8.89	105	170281	19.673	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.87	70	87499	19.275	ng/ul	98
16) 4-Methylphenol	8.83	108	111505	19.920	ng/ul	97
17) Hexachloroethane	9.16	117	48150	20.763	ng/ul	100
20) Nitrobenzene	9.27	77	143061	21.286	ng/ul	99
21) Isophorone	9.79	82	246562	19.936	ng/ul	100
23) 2-Nitrophenol	9.98	139	64245	21.578	ng/ul	96
24) 2,4-Dimethylphenol	10.04	107	127149	20.243	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.28	93	142224	20.166	ng/ul	91
27) 2,4-Dichlorophenol	10.52	162	114760	20.701	ng/ul	97
28) Naphthalene	10.93	128	347327	20.539	ng/ul	99
30) 4-Chloroaniline	11.03	127	123394	20.123	ng/ul	93
31) Hexachlorobutadiene	11.22	225	96652	20.461	ng/ul	96
32) Caprolactam	11.78	113	37315m	19.889	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	115480	19.909	ng/ul	91
34) 2-Methylnaphthalene	12.53	142	250494	20.148	ng/ul	94

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35) 1-Methylnaphthalene	12.75	142	240868	19.642	ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	175286	21.991	ng/ul	99
38) Hexachlorocyclopentadiene	12.87	237	94953	17.940	ng/ul#	98
39) 2,4,6-Trichlorophenol	13.13	196	106164	21.642	ng/ul	98
40) 2,4,5-Trichlorophenol	13.20	196	110859	21.408	ng/ul	92
41) 1,1'-Biphenyl	13.53	154	333561	20.233	ng/ul	99
42) 2-Chloronaphthalene	13.57	162	274012	20.745	ng/ul	99
43) 2-Nitroaniline	13.77	65	84782	21.395	ng/ul	91
45) Dimethylphthalate	14.14	163	348527	19.801	ng/ul	98
46) 2,6-Dinitrotoluene	14.26	165	76055	21.138	ng/ul	99
48) Acenaphthylene	14.42	152	392069	20.042	ng/ul	98
49) 3-Nitroaniline	14.59	138	57913	19.419	ng/ul	97
50) Acenaphthene	14.76	153	280520	20.451	ng/ul	96
51) 2,4-Dinitrophenol	14.80	184	40933	18.023	ng/ul	92
53) 4-Nitrophenol	14.89	109	61561	20.045	ng/ul	93
54) Dibenzofuran	15.09	168	413507	20.286	ng/ul	99
55) 2,4-Dinitrotoluene	15.05	165	107016	20.722	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	15.32	232	107919	21.039	ng/ul#	93
57) Diethylphthalate	15.51	149	352375	20.071	ng/ul	99
59) Fluorene	15.74	166	337204	20.159	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.73	204	196088	20.114	ng/ul	97
61) 4-Nitroaniline	15.75	138	61198	18.393	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.82	198	69160	18.740	ng/ul	97
65) N-Nitrosodiphenylamine	15.95	169	305083	20.864	ng/ul	92
66) 4-Bromophenyl-phenylether	16.63	248	137289	20.655	ng/ul	96
67) Hexachlorobenzene	16.75	284	151530	21.887	ng/ul#	95
68) Atrazine	16.89	200	139362	21.576	ng/ul	89
69) Pentachlorophenol	17.09	266	89294	20.780	ng/ul	94
70) Phenanthrene	17.49	178	584874	20.512	ng/ul	99
72) Anthracene	17.57	178	599000	20.798	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	167348	21.130	ng/uL	95
74) Pentachlorobenzene	15.02	250	168942	20.788	ng/uL	99
75) Carbazole	17.84	167	499519	21.598	ng/ul	98
76) Di-n-butylphthalate	18.40	149	639825	21.141	ng/ul	100
77) Fluoranthene	19.49	202	769478	22.100	ng/ul	99
80) Pyrene	19.85	202	752455	21.405	ng/ul	98
81) Butylbenzylphthalate	20.73	149	278435	21.765	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.60	252	234628	19.310	ng/ul	100
83) Benzo(a)anthracene	21.69	228	756202	21.093	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	397952	21.786	ng/ul	96
85) Chrysene	21.76	228	713498	20.628	ng/ul	98
87) Di-n-octyl phthalate	22.81	149	670021	22.900	ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	765765	21.686	ng/ul	100
89) Benzo(k)fluoranthene	23.99	252	720519	21.159	ng/ul	97
91) Benzo(a)pyrene	24.79	252	676890	21.322	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.64	276	837280	21.529	ng/ul	98
93) Dibenzo(a,h)anthracene	28.70	278	686035	21.272	ng/ul	100
94) Benzo(g,h,i)perylene	29.80	276	696714	21.342	ng/ul	97

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

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