Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047017.D
Acq On : 21 Oct 2020 19:15
Operator : CG/JU
Sample : SSTD00529
Misc : GCMS CONFIRMATION
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD00529

Manual Integrations APPROVED
mohammad
10/26/2020 10:31:30 AM

Quant Time: Oct 22 05:32:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 22 05:01:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	45541	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	182013	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	130219	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	307470	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	338613	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	340169	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	2250	2.19	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.60	132	15941	5.32	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.22	128	7545	4.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	8807	4.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	17460	5.04	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.09	166	56609	5.23	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	67802	5.50	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.68	176	52866	5.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.53	188	81182	5.45	ng/ul	0.00
79) Pyrene-d10	19.82	212	103156	5.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.71	264	97576	5.09	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	2973	2.430	ng/uL#	88
10) 2-Chlorophenol	7.63	128	15912	5.258	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.86	70	13800	5.113	ng/ul	94
17) Hexachloroethane	9.15	117	7914	5.740	ng/ul	94
20) Nitrobenzene	9.27	77	21727	5.205	ng/ul#	96
21) Isophorone	9.79	82	39152	5.097	ng/ul	97
23) 2-Nitrophenol	9.98	139	9574	5.177	ng/ul#	84
24) 2,4-Dimethylphenol	10.03	107	19062	4.886	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.27	93	21685	4.951	ng/ul	93
27) 2,4-Dichlorophenol	10.52	162	16605	4.823	ng/ul	99
28) Naphthalene	10.93	128	55355	5.271	ng/ul	99
31) Hexachlorobutadiene	11.21	225	16006	5.456	ng/ul	94
33) 4-Chloro-3-methylphenol	12.14	107	16918	4.696	ng/ul	95
34) 2-Methylnaphthalene	12.53	142	38750	5.018	ng/ul	98
35) 1-Methylnaphthalene	12.74	142	45126	5.925	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	27561	5.427	ng/ul	97
39) 2,4,6-Trichlorophenol	13.13	196	15213	4.868	ng/ul	94
40) 2,4,5-Trichlorophenol	13.20	196	14886	4.512	ng/ul	93
41) 1,1'-Biphenyl	13.53	154	55133	5.249	ng/ul	94
42) 2-Chloronaphthalene	13.57	162	44835	5.328	ng/ul	94
43) 2-Nitroaniline	13.77	65	11782m	4.667	ng/ul	
45) Dimethylphthalate	14.14	163	57676	5.143	ng/ul#	93
46) 2,6-Dinitrotoluene	14.25	165	12024	5.245	ng/ul	93

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48) Acenaphthylene	14.41	152	63243	5.074	ng/ul	99
50) Acenaphthene	14.76	153	44907	5.138	ng/ul	94
54) Dibenzofuran	15.09	168	68179	5.250	ng/ul	92
55) 2,4-Dinitrotoluene	15.05	165	15356	4.667	ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	15.32	232	17420	5.330	ng/ul#	86
57) Diethylphthalate	15.50	149	57402	5.132	ng/ul	94
59) Fluorene	15.74	166	54530	5.117	ng/ul	93
60) 4-Chlorophenyl-phenylether	15.73	204	29955	4.823	ng/ul#	91
65) N-Nitrosodiphenylamine	15.94	169	47623	5.278	ng/ul	98
66) 4-Bromophenyl-phenylether	16.62	248	22133	5.396	ng/ul	94
67) Hexachlorobenzene	16.74	284	23219	5.435	ng/ul	92
70) Phenanthrene	17.48	178	95648	5.436	ng/ul	100
72) Anthracene	17.57	178	96706	5.442	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	28225	5.776	ng/uL	91
74) Pentachlorobenzene	15.01	250	26371	5.259	ng/uL	98
76) Di-n-butylphthalate	18.39	149	96208	5.152	ng/ul	99
80) Pyrene	19.85	202	126579	5.524	ng/ul	98
81) Butylbenzylphthalate	20.72	149	44476	5.333	ng/ul	96
83) Benzo(a)anthracene	21.68	228	123580	5.288	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	62285	5.231	ng/ul	98
85) Chrysene	21.75	228	118486	5.255	ng/ul	98
88) Benzo(b)fluoranthene	23.91	252	116412m	4.933	ng/ul	
89) Benzo(k)fluoranthene	23.98	252	116409	5.116	ng/ul	98
91) Benzo(a)pyrene	24.78	252	106750	5.032	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.61	276	131170m	5.047	ng/ul	
93) Dibenzo(a,h)anthracene	28.68	278	102484	4.755	ng/ul	99
94) Benzo(g,h,i)perylene	29.77	276	112742	5.168	ng/ul	98

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

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