Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101520\
Data File : BG046916.D
Acq On : 15 Oct 2020 17:07
Operator : CG/JU
Sample : SSTD00528
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD00528

Manual Integrations APPROVED
mohammad
10/16/2020 12:46:55 PM

Quant Time: Oct 15 19:20:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 15 19:04:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	49158	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	187286	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	136628	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	349613	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	419150	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	406226	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	2547	2.54	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	7.61	132	14267	4.65	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.24	128	7297	5.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	8425	5.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	15673	4.68	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.10	166	55898	5.35	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	62965	5.08	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.69	176	50969	5.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.55	188	85886	5.35	ng/ul	0.00
79) Pyrene-d10	19.83	212	107462	4.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	108053	4.94	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	2730	2.126	ng/uL#	73
10) 2-Chlorophenol	7.64	128	15047	4.805	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.88	70	13947	4.841	ng/ul#	88
17) Hexachloroethane	9.17	117	7099	4.881	ng/ul	95
20) Nitrobenzene	9.28	77	20768	5.194	ng/ul	96
21) Isophorone	9.80	82	38874	4.874	ng/ul	99
23) 2-Nitrophenol	10.00	139	8329	5.367	ng/ul	95
24) 2,4-Dimethylphenol	10.05	107	19087	4.910	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.29	93	22043	4.744	ng/ul#	92
27) 2,4-Dichlorophenol	10.53	162	17073	5.233	ng/ul	97
28) Naphthalene	10.94	128	53467	5.156	ng/ul	97
31) Hexachlorobutadiene	11.22	225	14126	5.038	ng/ul#	72
33) 4-Chloro-3-methylphenol	12.16	107	16172	4.535	ng/ul	87
34) 2-Methylnaphthalene	12.54	142	38706	5.106	ng/ul	98
35) 1-Methylnaphthalene	12.76	142	40075	5.455	ng/uL#	93
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	25695	5.137	ng/ul	94
39) 2,4,6-Trichlorophenol	13.14	196	14806	5.002	ng/ul	92
40) 2,4,5-Trichlorophenol	13.22	196	16248m	5.172	ng/ul	
41) 1,1'-Biphenyl	13.54	154	55226	5.255	ng/ul	93
42) 2-Chloronaphthalene	13.59	162	43700	5.191	ng/ul	99
43) 2-Nitroaniline	13.78	65	11745	5.267	ng/ul	97
45) Dimethylphthalate	14.15	163	59865	5.666	ng/ul	98
46) 2,6-Dinitrotoluene	14.27	165	10088	5.395	ng/ul#	89

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48) Acenaphthylene	14.43	152	64563	5.286	ng/ul	98
50) Acenaphthene	14.77	153	44668	5.139	ng/ul	96
54) Dibenzofuran	15.10	168	67660	5.298	ng/ul	95
55) 2,4-Dinitrotoluene	15.05	165	15433	5.966	ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	15.32	232	14480	4.947	ng/ul#	91
57) Diethylphthalate	15.51	149	56862	5.386	ng/ul#	91
59) Fluorene	15.75	166	55848	5.386	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.74	204	32586	5.459	ng/ul	96
65) N-Nitrosodiphenylamine	15.95	169	49407	4.909	ng/ul	98
66) 4-Bromophenyl-phenylether	16.64	248	22707	5.201	ng/ul	95
67) Hexachlorobenzene	16.76	284	22479	5.973	ng/ul#	94
70) Phenanthrene	17.49	178	98049	5.130	ng/ul	98
72) Anthracene	17.59	178	103895	5.365	ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	13.51	216	27588	5.114	ng/uL	90
74) Pentachlorobenzene	15.02	250	28568	5.212	ng/uL	95
76) Di-n-butylphthalate	18.40	149	107236	5.602	ng/ul	99
80) Pyrene	19.86	202	140143	5.202	ng/ul	98
81) Butylbenzylphthalate	20.74	149	46632	4.966	ng/ul	99
83) Benzo(a)anthracene	21.70	228	143183	5.221	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.61	149	67961	4.867	ng/ul	93
85) Chrysene	21.77	228	139070	5.227	ng/ul	99
88) Benzo(b)fluoranthene	23.93	252	137366	5.126	ng/ul	96
89) Benzo(k)fluoranthene	24.00	252	131559	5.036	ng/ul	97
91) Benzo(a)pyrene	24.81	252	124549	5.088	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.67	276	150962m	5.027	ng/ul	
93) Dibenzo(a,h)anthracene	28.73	278	125844m	5.057	ng/ul	
94) Benzo(g,h,i)perylene	29.82	276	123950	4.926	ng/ul	100

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

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