Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047433.D
Acq On : 24 Nov 2020 5:08
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02042

Manual Integrations APPROVED
mohammad
11/25/2020 12:47:40 PM

Quant Time: Nov 24 07:23:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	42511	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	161829	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	113648	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	265787	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	227596	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	240474	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	8170	6.99	ng/uL	0.00
5) Phenol-d5	7.40	99	71588	16.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	38509	15.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	53216	18.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	56362	17.20	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	26755	20.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	31063	21.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	66886	20.03	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	65925	19.52	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	185144	18.98	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	219951	19.51	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	28745	19.31	ng/ul	0.00
58) Fluorene-d10	15.87	176	168659	18.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	23329	15.42	ng/ul	0.00
71) Anthracene-d10	17.72	188	247666	18.78	ng/ul	0.00
79) Pyrene-d10	19.98	212	268932	20.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	270305	19.53	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	11431	9.473	ng/uL#	79
4) Benzaldehyde	7.40	77	45551	18.089	ng/ul	94
6) Phenol	7.43	94	71935	17.612	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.68	93	49265	16.340	ng/ul	97
10) 2-Chlorophenol	7.83	128	52891	18.329	ng/ul	93
11) 2-Methylphenol	8.70	108	53788	16.951	ng/ul	85
12) 2,2'-oxybis(1-Chloropropan	8.80	45	47717	15.046	ng/ul	93
14) Acetophenone	9.10	105	87801	17.400	ng/ul	91
15) N-Nitroso-di-n-propylamine	9.08	70	47619	15.642	ng/ul#	95
16) 4-Methylphenol	9.04	108	58457	17.554	ng/ul	89
17) Hexachloroethane	9.37	117	23099	17.034	ng/ul	94
20) Nitrobenzene	9.48	77	80565	18.635	ng/ul	99
21) Isophorone	10.01	82	137670	16.708	ng/ul	98
23) 2-Nitrophenol	10.20	139	32908	20.754	ng/ul	94
24) 2,4-Dimethylphenol	10.25	107	76041	18.893	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.48	93	67008	16.907	ng/ul	96
27) 2,4-Dichlorophenol	10.74	162	60495	20.404	ng/ul	95
28) Naphthalene	11.15	128	176001	19.202	ng/ul	98
30) 4-Chloroaniline	11.25	127	61092	18.981	ng/ul	97
31) Hexachlorobutadiene	11.44	225	61408	22.015	ng/ul	93
32) Caprolactam	12.00	113	17867	16.533	ng/ul#	79
33) 4-Chloro-3-methylphenol	12.34	107	65840	17.969	ng/ul	97
34) 2-Methylnaphthalene	12.74	142	133433	19.645	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.96	142	149556	18.733	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	13.10	216	96695	21.652	ng/ul	100
38) Hexachlorocyclopentadiene	13.08	237	47667	15.339	ng/ul	95
39) 2,4,6-Trichlorophenol	13.33	196	60626	21.861	ng/ul#	82
40) 2,4,5-Trichlorophenol	13.40	196	64136	22.275	ng/ul	92
41) 1,1'-Biphenyl	13.73	154	175030	19.855	ng/ul	96
42) 2-Chloronaphthalene	13.77	162	139857	20.014	ng/ul	97
43) 2-Nitroaniline	13.96	65	47898	18.846	ng/ul	95
45) Dimethylphthalate	14.33	163	186500	18.740	ng/ul	99
46) 2,6-Dinitrotoluene	14.44	165	38192	20.041	ng/ul	95
48) Acenaphthylene	14.61	152	203616	19.429	ng/ul#	96
49) 3-Nitroaniline	14.77	138	33205	22.313	ng/ul	96
50) Acenaphthene	14.95	153	146903	19.985	ng/ul	98
51) 2,4-Dinitrophenol	14.98	184	20000	19.695	ng/ul#	86
53) 4-Nitrophenol	15.06	109	42714	19.820	ng/ul	93
54) Dibenzofuran	15.28	168	205603	19.043	ng/ul	100
55) 2,4-Dinitrotoluene	15.22	165	50715	18.756	ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	15.50	232	61209	22.198	ng/ul#	96
57) Diethylphthalate	15.68	149	179626	18.399	ng/ul	98
59) Fluorene	15.92	166	170920	18.791	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.91	204	106007	19.402	ng/ul	92
61) 4-Nitroaniline	15.92	138	37185	21.341	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.99	198	23627	14.924	ng/ul#	96
65) N-Nitrosodiphenylamine	16.12	169	150383	19.822	ng/ul	97
66) 4-Bromophenyl-phenylether	16.81	248	70864	20.988	ng/ul	99
67) Hexachlorobenzene	16.92	284	76830	21.752	ng/ul	97
68) Atrazine	17.06	200	65717	19.680	ng/ul	93
69) Pentachlorophenol	17.26	266	46843	22.674	ng/ul	94
70) Phenanthrene	17.66	178	276228	19.245	ng/ul	99
72) Anthracene	17.75	178	269058	18.614	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.70	216	98330	23.535	ng/uL	98
74) Pentachlorobenzene	15.20	250	90884	22.626	ng/uL	87
75) Carbazole	18.01	167	218353	18.727	ng/ul	97
76) Di-n-butylphthalate	18.56	149	265158	17.853	ng/ul	100
77) Fluoranthene	19.65	202	335713	18.520	ng/ul	99
80) Pyrene	20.01	202	325783	20.208	ng/ul	99
81) Butylbenzylphthalate	20.88	149	105818	18.688	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.78	252	89133	16.776	ng/ul#	93
83) Benzo(a)anthracene	21.88	228	317297	19.594	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.77	149	148328	18.793	ng/ul	99
85) Chrysene	21.95	228	296506	19.240	ng/ul	97
87) Di-n-octyl phthalate	23.05	149	245095	18.402	ng/ul	100
88) Benzo(b)fluoranthene	24.22	252	327407m	19.283	ng/ul	
89) Benzo(k)fluoranthene	24.29	252	313587	18.742	ng/ul	96
91) Benzo(a)pyrene	25.14	252	288509	19.061	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	29.21	276	341519	18.550	ng/ul	94
93) Dibenzo(a,h)anthracene	29.30	278	282323	18.703	ng/ul#	98
94) Benzo(g,h,i)perylene	30.44	276	260190m	17.127	ng/ul	

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

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