Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047464.D
Acq On : 25 Nov 2020 2:55
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02045

Manual Integrations APPROVED
mohammad
11/25/2020 12:49:09 PM

Quant Time: Nov 25 04:39:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 25 01:15:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	38796	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	156172	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	112297	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	258954m	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	224527	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	238394	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	7754	7.27	ng/uL	0.00
5) Phenol-d5	7.40	99	69556	17.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	35276	15.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	50666	19.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	54669	18.28	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	24351	18.88	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	30285	21.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	63414	19.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	64064	19.66	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	178992	18.57	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	211074	18.95	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	26846	18.25	ng/ul	0.00
58) Fluorene-d10	15.87	176	161507	18.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	25099	17.03	ng/ul	0.00
71) Anthracene-d10	17.72	188	244355	19.02	ng/ul	0.00
79) Pyrene-d10	19.98	212	263951	20.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	262493	19.13	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	10038	9.115	ng/uL#	82
4) Benzaldehyde	7.40	77	41627	18.113	ng/ul	98
6) Phenol	7.43	94	66035	17.715	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.67	93	45813	16.650	ng/ul	90
10) 2-Chlorophenol	7.83	128	50039	19.001	ng/ul#	83
11) 2-Methylphenol	8.70	108	50714	17.513	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.80	45	44850	15.497	ng/ul#	92
14) Acetophenone	9.10	105	84356	18.318	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.07	70	48367	17.409	ng/ul	90
16) 4-Methylphenol	9.03	108	52180	17.169	ng/ul	100
17) Hexachloroethane	9.37	117	20788	16.798	ng/ul#	76
20) Nitrobenzene	9.48	77	78409	18.793	ng/ul#	97
21) Isophorone	10.01	82	127591	16.046	ng/ul#	94
23) 2-Nitrophenol	10.20	139	31782	20.770	ng/ul#	91
24) 2,4-Dimethylphenol	10.24	107	72107	18.564	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.48	93	63083	16.493	ng/ul	97
27) 2,4-Dichlorophenol	10.74	162	55410	19.366	ng/ul	100
28) Naphthalene	11.15	128	165597	18.721	ng/ul	98
30) 4-Chloroaniline	11.24	127	58519	18.840	ng/ul	90
31) Hexachlorobutadiene	11.44	225	60546	22.492	ng/ul	96
32) Caprolactam	11.99	113	17013	16.313	ng/ul#	80
33) 4-Chloro-3-methylphenol	12.34	107	60575	17.131	ng/ul	97
34) 2-Methylnaphthalene	12.73	142	124848	19.047	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.95	142	142237	18.462	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	13.09	216	94661	21.452	ng/ul#	97
38) Hexachlorocyclopentadiene	13.07	237	47573	15.493	ng/ul	97
39) 2,4,6-Trichlorophenol	13.33	196	55887	20.394	ng/ul	96
40) 2,4,5-Trichlorophenol	13.39	196	59638	20.962	ng/ul	96
41) 1,1'-Biphenyl	13.73	154	168528	19.347	ng/ul#	91
42) 2-Chloronaphthalene	13.77	162	137648	19.935	ng/ul	98
43) 2-Nitroaniline	13.96	65	48658	19.375	ng/ul	98
45) Dimethylphthalate	14.32	163	179305	18.234	ng/ul	97
46) 2,6-Dinitrotoluene	14.44	165	37050	19.675	ng/ul	97
48) Acenaphthylene	14.61	152	195119	18.842	ng/ul	95
49) 3-Nitroaniline	14.77	138	31018	21.094	ng/ul#	81
50) Acenaphthene	14.95	153	139897	19.260	ng/ul	99
51) 2,4-Dinitrophenol	14.97	184	22913	22.835	ng/ul#	83
53) 4-Nitrophenol	15.06	109	42031	19.738	ng/ul	95
54) Dibenzofuran	15.28	168	199056	18.658	ng/ul	96
55) 2,4-Dinitrotoluene	15.22	165	49700	18.602	ng/ul#	94
56) 2,3,4,6-Tetrachlorophenol	15.50	232	55419	20.340	ng/ul#	97
57) Diethylphthalate	15.68	149	168336	17.450	ng/ul#	94
59) Fluorene	15.92	166	162420	18.071	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.91	204	104359	19.330	ng/ul	97
61) 4-Nitroaniline	15.92	138	33984	19.739	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.98	198	23867m	15.473	ng/ul	
65) N-Nitrosodiphenylamine	16.12	169	146736	19.852	ng/ul	99
66) 4-Bromophenyl-phenylether	16.80	248	67765	20.600	ng/ul	96
67) Hexachlorobenzene	16.92	284	70069	20.361	ng/ul	98
68) Atrazine	17.05	200	63189	19.422	ng/ul	98
69) Pentachlorophenol	17.26	266	42813	21.270	ng/ul	92
70) Phenanthrene	17.66	178	265733m	19.003	ng/ul	
72) Anthracene	17.75	178	266244	18.905	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.69	216	93213	22.899	ng/uL	97
74) Pentachlorobenzene	15.20	250	89373	22.836	ng/uL	99
75) Carbazole	18.01	167	210744	18.551	ng/ul	97
76) Di-n-butylphthalate	18.56	149	258803	17.885	ng/ul	97
77) Fluoranthene	19.65	202	330051	18.688	ng/ul	99
80) Pyrene	20.01	202	318805	20.045	ng/ul	99
81) Butylbenzylphthalate	20.88	149	105031	18.803	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.78	252	89164	17.011	ng/ul#	90
83) Benzo(a)anthracene	21.88	228	314991	19.717	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.76	149	149327	19.179	ng/ul#	96
85) Chrysene	21.95	228	297793	19.588	ng/ul	97
87) Di-n-octyl phthalate	23.05	149	246967	18.705	ng/ul	100
88) Benzo(b)fluoranthene	24.21	252	319095m	18.958	ng/ul	
89) Benzo(k)fluoranthene	24.29	252	315245	19.005	ng/ul	98
91) Benzo(a)pyrene	25.14	252	286741	19.110	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	29.21	276	326645	17.897	ng/ul#	98
93) Dibenzo(a,h)anthracene	29.28	278	276428	18.472	ng/ul#	97
94) Benzo(g,h,i)perylene	30.44	276	238773m	15.855	ng/ul	

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

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