Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
Data File : BG048164.D
Acq On : 16 Feb 2021 15:34
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02033

Manual Integrations APPROVED
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2/17/2021 1:46:09 PM

Quant Time: Feb 16 16:22:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 15 06:21:07 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	56506	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	212380	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	157713	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	380484	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	399238	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	412063	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	10647	7.85	ng/uL	0.00
5) Phenol-d5	7.25	99	87232	18.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	55156	19.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	65976	19.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	67512	18.08	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	31199	19.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	37489	19.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	72129	19.19	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	84070	22.64	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	226042	19.35	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	275641	19.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	38447	19.37	ng/ul	0.00
58) Fluorene-d10	15.71	176	202898	19.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	43878	18.81	ng/ul	0.00
71) Anthracene-d10	17.56	188	328728	20.15	ng/ul	0.00
79) Pyrene-d10	19.84	212	399452	20.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	414921	19.74	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	12584	8.084	ng/uL	89
4) Benzaldehyde	7.24	77	63153	22.563	ng/ul	94
6) Phenol	7.28	94	95433	19.415	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.52	93	70876	19.092	ng/ul	88
10) 2-Chlorophenol	7.66	128	67245	19.020	ng/ul	95
11) 2-Methylphenol	8.53	108	66200	18.614	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.62	45	92510	19.066	ng/ul#	92
14) Acetophenone	8.92	105	116440	19.144	ng/ul#	83
15) N-Nitroso-di-n-propylamine	8.90	70	61916	18.331	ng/ul#	90
16) 4-Methylphenol	8.86	108	70526	18.377	ng/ul	93
17) Hexachloroethane	9.19	117	29943	18.961	ng/ul	98
20) Nitrobenzene	9.30	77	97046	20.084	ng/ul	99
21) Isophorone	9.83	82	167962	19.675	ng/ul	96
23) 2-Nitrophenol	10.02	139	40706	20.803	ng/ul	98
24) 2,4-Dimethylphenol	10.07	107	86144	19.894	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.31	93	93271	19.381	ng/ul	97
27) 2,4-Dichlorophenol	10.56	162	69285	19.271	ng/ul#	94
28) Naphthalene	10.97	128	213115	19.894	ng/ul	100
30) 4-Chloroaniline	11.07	127	84061	22.066	ng/ul	96
31) Hexachlorobutadiene	11.25	225	60775	19.382	ng/ul	99
32) Caprolactam	11.81	113	22223	17.713	ng/ul	92
33) 4-Chloro-3-methylphenol	12.18	107	78542	19.732	ng/ul	91
34) 2-Methylnaphthalene	12.56	142	159995	19.650	ng/ul	98

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35) 1-Methylnaphthalene	12.78	142	152637	19.379	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	112737	19.871	ng/ul	94
38) Hexachlorocyclopentadiene	12.91	237	70514	19.278	ng/ul	97
39) 2,4,6-Trichlorophenol	13.16	196	69715	19.956	ng/ul	100
40) 2,4,5-Trichlorophenol	13.23	196	76138m	21.446	ng/ul	
41) 1,1'-Biphenyl	13.56	154	212428	19.635	ng/ul	99
42) 2-Chloronaphthalene	13.60	162	176943	19.849	ng/ul	98
43) 2-Nitroaniline	13.80	65	63268	20.523	ng/ul	92
45) Dimethylphthalate	14.17	163	236304	19.567	ng/ul#	99
46) 2,6-Dinitrotoluene	14.29	165	49092	19.329	ng/ul	95
48) Acenaphthylene	14.45	152	253142	19.820	ng/ul	98
49) 3-Nitroaniline	14.62	138	44695	20.878	ng/ul#	97
50) Acenaphthene	14.79	153	184481	19.246	ng/ul	98
51) 2,4-Dinitrophenol	14.83	184	26643	16.797	ng/ul#	92
53) 4-Nitrophenol	14.92	109	42211	18.836	ng/ul	82
54) Dibenzofuran	15.12	168	273445	19.546	ng/ul	98
55) 2,4-Dinitrotoluene	15.07	165	70874	19.427	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.34	232	70999	19.562	ng/ul#	99
57) Diethylphthalate	15.53	149	239788	19.235	ng/ul	98
59) Fluorene	15.77	166	216858	19.174	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.76	204	133322	19.650	ng/ul	90
61) 4-Nitroaniline	15.78	138	48788	20.245	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.84	198	42149	18.132	ng/ul	98
65) N-Nitrosodiphenylamine	15.97	169	192784	19.741	ng/ul	99
66) 4-Bromophenyl-phenylether	16.65	248	91716	20.394	ng/ul	96
67) Hexachlorobenzene	16.77	284	95954	20.129	ng/ul	93
68) Atrazine	16.91	200	87536	20.046	ng/ul	95
69) Pentachlorophenol	17.12	266	48627	18.268	ng/ul	89
70) Phenanthrene	17.51	178	384114	20.093	ng/ul	99
72) Anthracene	17.60	178	386922	20.065	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	114435	20.129	ng/uL	95
74) Pentachlorobenzene	15.04	250	111125	19.935	ng/uL	95
75) Carbazole	17.86	167	338195	20.971	ng/ul	96
76) Di-n-butylphthalate	18.42	149	395315	20.096	ng/ul	97
77) Fluoranthene	19.52	202	505003	21.666	ng/ul	98
80) Pyrene	19.87	202	498905	20.114	ng/ul	99
81) Butylbenzylphthalate	20.76	149	171572	19.767	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.63	252	180047	22.042	ng/ul	98
83) Benzo(a)anthracene	21.72	228	499788	20.038	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	250120	19.846	ng/ul	97
85) Chrysene	21.79	228	482230	20.230	ng/ul	99
87) Di-n-octyl phthalate	22.85	149	427293	20.194	ng/ul	100
88) Benzo(b)fluoranthene	23.96	252	505675	19.543	ng/ul	96
89) Benzo(k)fluoranthene	24.03	252	502140	19.814	ng/ul	99
91) Benzo(a)pyrene	24.85	252	449068	19.724	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	28.72	276	576628	19.798	ng/ul	97
93) Dibenzo(a,h)anthracene	28.79	278	474260m	19.472	ng/ul	
94) Benzo(g,h,i)perylene	29.88	276	473355m	19.543	ng/ul	

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

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