Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072320\
Data File : BG046050.D
Acq On : 23 Jul 2020 13:26
Operator : CG/JU
Sample : SSTD02027
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02027

Manual Integrations APPROVED
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Quant Time: Jul 23 14:11:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 23 14:08:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	86800	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	365648	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	248254	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	576714	20.00	ng/ul	0.00
78) Chrysene-d12	21.58	240	599312	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	618488	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	14578	8.22	ng/uL	0.00
5) Phenol-d5	7.13	99	137393	19.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	88128	19.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	110476	19.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	117129	19.50	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	52604	20.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	53440	20.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	123692	20.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	133578	19.62	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	407079	20.44	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	485540	20.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	63538	19.16	ng/ul	0.00
58) Fluorene-d10	15.58	176	365918	20.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	51237	18.27	ng/ul	0.00
71) Anthracene-d10	17.43	188	555450	20.60	ng/ul	0.00
79) Pyrene-d10	19.71	212	660098	19.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	707899	20.51	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	16508	7.377	ng/uL	100
4) Benzaldehyde	7.10	77	97173	18.343	ng/ul	100
6) Phenol	7.15	94	146421	19.755	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.39	93	119804	19.705	ng/ul	100
10) 2-Chlorophenol	7.53	128	114229	19.959	ng/ul	100
11) 2-Methylphenol	8.40	108	112366	19.177	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.49	45	202585	18.097	ng/ul	100
14) Acetophenone	8.78	105	178293	19.897	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.77	70	92089	18.168	ng/ul	100
16) 4-Methylphenol	8.73	108	125183	19.746	ng/ul	100
17) Hexachloroethane	9.05	117	46560	19.001	ng/ul	100
20) Nitrobenzene	9.15	77	134580	19.117	ng/ul	100
21) Isophorone	9.68	82	265362	18.878	ng/ul	100
23) 2-Nitrophenol	9.87	139	62024	20.791	ng/ul	100
24) 2,4-Dimethylphenol	9.94	107	133710	19.827	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.16	93	168578	20.044	ng/ul	100
27) 2,4-Dichlorophenol	10.41	162	122988	20.995	ng/ul	100
28) Naphthalene	10.81	128	396526	20.352	ng/ul	100
30) 4-Chloroaniline	10.91	127	129124	19.366	ng/ul	100
31) Hexachlorobutadiene	11.11	225	91161	21.114	ng/ul	100
32) Caprolactam	11.66	113	38397m	18.272	ng/ul	
33) 4-Chloro-3-methylphenol	12.04	107	125056	19.728	ng/ul	100
34) 2-Methylnaphthalene	12.42	142	303009	20.671	ng/ul	100

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35) 1-Methylnaphthalene	12.63	142	298436	20.538	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	176295	20.921	ng/ul	100
38) Hexachlorocyclopentadiene	12.77	237	94681	19.995	ng/ul	100
39) 2,4,6-Trichlorophenol	13.02	196	106805	21.199	ng/ul	100
40) 2,4,5-Trichlorophenol	13.09	196	113306	20.676	ng/ul	100
41) 1,1'-Biphenyl	13.43	154	396620	20.505	ng/ul	100
42) 2-Chloronaphthalene	13.47	162	316148	20.282	ng/ul	100
43) 2-Nitroaniline	13.66	65	76035	18.458	ng/ul	100
45) Dimethylphthalate	14.04	163	407295	20.144	ng/ul	100
46) 2,6-Dinitrotoluene	14.15	165	78295	20.327	ng/ul	100
48) Acenaphthylene	14.31	152	492596	20.592	ng/ul	100
49) 3-Nitroaniline	14.48	138	68398	18.710	ng/ul	100
50) Acenaphthene	14.65	153	348924	20.045	ng/ul	100
51) 2,4-Dinitrophenol	14.69	184	24906	15.389	ng/ul	100
53) 4-Nitrophenol	14.79	109	45921	17.690	ng/ul	100
54) Dibenzofuran	14.99	168	482359	20.650	ng/ul	100
55) 2,4-Dinitrotoluene	14.94	165	112026	20.522	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.21	232	107922	20.928	ng/ul	100
57) Diethylphthalate	15.41	149	403498	19.858	ng/ul	100
59) Fluorene	15.63	166	410437	20.686	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.63	204	210935	20.498	ng/ul	100
61) 4-Nitroaniline	15.64	138	79478	18.972	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.71	198	56391	18.432	ng/ul	100
65) N-Nitrosodiphenylamine	15.84	169	350075	20.835	ng/ul	100
66) 4-Bromophenyl-phenylether	16.52	248	149492	21.526	ng/ul	100
67) Hexachlorobenzene	16.65	284	166293	21.531	ng/ul	100
68) Atrazine	16.79	200	141209	20.993	ng/ul	100
69) Pentachlorophenol	16.99	266	83138	19.827	ng/ul	100
70) Phenanthrene	17.37	178	678616	20.932	ng/ul	100
72) Anthracene	17.46	178	676459	20.736	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	175334	20.836	ng/uL	100
74) Pentachlorobenzene	14.91	250	180477	21.468	ng/uL	100
75) Carbazole	17.73	167	588192	22.086	ng/ul	100
76) Di-n-butylphthalate	18.30	149	682408	20.515	ng/ul	100
77) Fluoranthene	19.38	202	854002	23.662	ng/ul	100
80) Pyrene	19.74	202	843708	19.833	ng/ul	100
81) Butylbenzylphthalate	20.63	149	290437	18.519	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.48	252	260537	19.613	ng/ul	100
83) Benzo(a)anthracene	21.56	228	814245	19.622	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.49	149	420295	18.635	ng/ul	100
85) Chrysene	21.62	228	800588	19.951	ng/ul	100
87) Di-n-octyl phthalate	22.68	149	710349	20.115	ng/ul	100
88) Benzo(b)fluoranthene	23.71	252	851853	19.934	ng/ul	100
89) Benzo(k)fluoranthene	23.78	252	849588	20.061	ng/ul	100
91) Benzo(a)pyrene	24.55	252	786184	20.046	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.22	276	967258	19.691	ng/ul	100
93) Dibenzo(a,h)anthracene	28.28	278	794235	19.785	ng/ul	100
94) Benzo(g,h,i)perylene	29.31	276	818885	19.737	ng/ul	100

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

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