Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072320\
Data File : BG046054.D
Acq On : 23 Jul 2020 16:12
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SICV31

Quant Time: Jul 23 16:57:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 23 16:09:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	88835	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	373350	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	254311	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	597717	20.00	ng/ul	0.00
78) Chrysene-d12	21.58	240	610407	20.00	ng/ul	0.00
86) Perylene-d12	24.70	264	627067	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	15054	8.37	ng/uL	0.00
5) Phenol-d5	7.12	99	144790	20.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	88739	20.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	116370	20.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	120973	20.57	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	54528	20.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	61008	22.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	129566	21.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	138840	20.22	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	419118	21.13	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	494003	20.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	69975	21.60	ng/ul	0.00
58) Fluorene-d10	15.58	176	378696	20.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	60843	20.34	ng/ul	0.00
71) Anthracene-d10	17.43	188	579382	21.02	ng/ul	0.00
79) Pyrene-d10	19.71	212	684096	21.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.49	264	721893	20.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	16315	7.408	ng/uL	87
4) Benzaldehyde	7.10	77	99931	20.106	ng/ul	95
6) Phenol	7.15	94	149814	20.864	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.38	93	121665	20.702	ng/ul	97
10) 2-Chlorophenol	7.53	128	117221	20.723	ng/ul	98
11) 2-Methylphenol	8.41	108	118949	20.558	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.50	45	207669	20.908	ng/ul	99
14) Acetophenone	8.78	105	186327	21.472	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.77	70	98183	20.911	ng/ul	98
16) 4-Methylphenol	8.73	108	127860	20.626	ng/ul	97
17) Hexachloroethane	9.05	117	48469	20.193	ng/ul	98
20) Nitrobenzene	9.16	77	141632	20.913	ng/ul	99
21) Isophorone	9.69	82	279414	21.112	ng/ul	100
23) 2-Nitrophenol	9.87	139	67428	22.356	ng/ul	97
24) 2,4-Dimethylphenol	9.93	107	137958	20.642	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.17	93	170167	20.326	ng/ul	99
27) 2,4-Dichlorophenol	10.41	162	126796	21.098	ng/ul	95
28) Naphthalene	10.81	128	400621	20.050	ng/ul	99
30) 4-Chloroaniline	10.91	127	135488	20.513	ng/ul	97
31) Hexachlorobutadiene	11.11	225	95380	20.623	ng/ul	97
32) Caprolactam	11.66	113	44307	21.869	ng/ul	85
33) 4-Chloro-3-methylphenol	12.04	107	130231	21.134	ng/ul	98
34) 2-Methylnaphthalene	12.42	142	305701	20.350	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.64	142	300055	20.225	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	183778	20.903	ng/ul	97
38) Hexachlorocyclopentadiene	12.78	237	102406	20.344	ng/ul	97
39) 2,4,6-Trichlorophenol	13.02	196	113894	22.161	ng/ul	99
40) 2,4,5-Trichlorophenol	13.09	196	118798	21.264	ng/ul	96
41) 1,1'-Biphenyl	13.42	154	402783	20.471	ng/ul	97
42) 2-Chloronaphthalene	13.46	162	326762	20.814	ng/ul	99
43) 2-Nitroaniline	13.66	65	83874	22.664	ng/ul	100
45) Dimethylphthalate	14.05	163	414273	20.827	ng/ul	99
46) 2,6-Dinitrotoluene	14.16	165	85623	22.572	ng/ul	95
48) Acenaphthylene	14.31	152	497815	20.670	ng/ul	99
49) 3-Nitroaniline	14.48	138	74643	20.889	ng/ul	99
50) Acenaphthene	14.65	153	354829	20.462	ng/ul	99
51) 2,4-Dinitrophenol	14.69	184	31644	18.845	ng/ul	95
53) 4-Nitrophenol	14.79	109	51631	22.213	ng/ul	95
54) Dibenzofuran	14.99	168	489185	20.686	ng/ul	99
55) 2,4-Dinitrotoluene	14.94	165	124499	23.047	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.21	232	116729	22.408	ng/ul	96
57) Diethylphthalate	15.41	149	421305	21.442	ng/ul	98
59) Fluorene	15.64	166	414515	20.670	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.63	204	217253	20.621	ng/ul	96
61) 4-Nitroaniline	15.64	138	86290	21.661	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.71	198	68081	21.366	ng/ul	98
65) N-Nitrosodiphenylamine	15.84	169	361258	20.786	ng/ul	98
66) 4-Bromophenyl-phenylether	16.53	248	152126	20.481	ng/ul	94
67) Hexachlorobenzene	16.64	284	170769	20.367	ng/ul	98
68) Atrazine	16.79	200	150530	21.666	ng/ul	96
69) Pentachlorophenol	16.98	266	90367	20.221	ng/ul	98
70) Phenanthrene	17.37	178	691504	20.729	ng/ul	100
72) Anthracene	17.47	178	685694	20.630	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	182832	20.370	ng/uL	97
74) Pentachlorobenzene	14.91	250	187094	20.640	ng/uL	98
75) Carbazole	17.73	167	606871	22.753	ng/ul	99
76) Di-n-butylphthalate	18.31	149	708007	21.574	ng/ul	100
77) Fluoranthene	19.38	202	872963	23.857	ng/ul	99
80) Pyrene	19.74	202	865104	20.960	ng/ul	98
81) Butylbenzylphthalate	20.64	149	322033	22.731	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.48	252	285021	21.755	ng/ul	99
83) Benzo(a)anthracene	21.56	228	874788	21.761	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	460454	22.342	ng/ul	99
85) Chrysene	21.63	228	843500	21.585	ng/ul	99
87) Di-n-octyl phthalate	22.68	149	777399	23.726	ng/ul	100
88) Benzo(b)fluoranthene	23.71	252	892343	21.064	ng/ul	99
89) Benzo(k)fluoranthene	23.78	252	862660	20.739	ng/ul	99
91) Benzo(a)pyrene	24.55	252	807499	20.785	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.22	276	1001978	20.653	ng/ul	98
93) Dibenzo(a,h)anthracene	28.29	278	823642	20.751	ng/ul	99
94) Benzo(g,h,i)perylene	29.32	276	834057	20.339	ng/ul	99

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

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