Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047135.D
Acq On : 30 Oct 2020 2:04
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02040

Manual Integrations APPROVED
mohammad
10/30/2020 12:09:25 PM

Quant Time: Oct 30 01:46:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 16:49:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	45653	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	199984	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	149906	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	385815	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	386853	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	394710	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	8063	7.12	ng/uL	0.00
5) Phenol-d5	7.21	99	81558	20.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	46051	20.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	61628	20.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	70336	22.25	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	31362	18.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	36453	18.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	75864	19.86	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	73710	22.62	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	248916	20.19	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	287368	19.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	40499	20.87	ng/ul	0.00
58) Fluorene-d10	15.68	176	230926	20.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	49967	18.78	ng/ul	0.00
71) Anthracene-d10	17.53	188	371197	19.85	ng/ul	0.00
79) Pyrene-d10	19.81	212	451818	20.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.71	264	427263	19.69	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	9073m	7.477	ng/uL	
4) Benzaldehyde	7.19	77	49587	18.864	ng/ul	85
6) Phenol	7.24	94	80462	20.809	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.47	93	61827	20.405	ng/ul	92
10) 2-Chlorophenol	7.62	128	61750	20.179	ng/ul	97
11) 2-Methylphenol	8.49	108	62838	21.190	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.59	45	94144	20.911	ng/ul	96
14) Acetophenone	8.87	105	104285	21.595	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.86	70	56248	21.526	ng/ul	96
16) 4-Methylphenol	8.82	108	68140	21.877	ng/ul	92
17) Hexachloroethane	9.14	117	28083	19.894	ng/ul	94
20) Nitrobenzene	9.26	77	87961	19.434	ng/ul	94
21) Isophorone	9.78	82	161475	19.810	ng/ul	99
23) 2-Nitrophenol	9.97	139	40640	20.237	ng/ul	94
24) 2,4-Dimethylphenol	10.03	107	80377	19.689	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.27	93	88109	19.155	ng/ul	97
27) 2,4-Dichlorophenol	10.51	162	70610	19.594	ng/ul	95
28) Naphthalene	10.92	128	214303	19.075	ng/ul	100
30) 4-Chloroaniline	11.02	127	69974	22.579	ng/ul	99
31) Hexachlorobutadiene	11.20	225	58994	18.659	ng/ul	96
32) Caprolactam	11.77	113	27082m	22.059	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	78317	21.138	ng/ul	95
34) 2-Methylnaphthalene	12.52	142	162036	20.215	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.74	142	188418	20.061 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	108345	18.556 ng/ul	98
38) Hexachlorocyclopentadiene	12.86	237	68089	18.598 ng/ul	98
39) 2,4,6-Trichlorophenol	13.12	196	70234	19.727 ng/ul	97
40) 2,4,5-Trichlorophenol	13.19	196	71483	19.592 ng/ul	95
41) 1,1'-Biphenyl	13.52	154	225124	19.035 ng/ul	95
42) 2-Chloronaphthalene	13.57	162	184234	19.314 ng/ul	99
43) 2-Nitroaniline	13.76	65	60453	21.077 ng/ul	94
45) Dimethylphthalate	14.13	163	253455	20.490 ng/ul	99
46) 2,6-Dinitrotoluene	14.26	165	55458	20.714 ng/ul	98
48) Acenaphthylene	14.41	152	271533	19.904 ng/ul	99
49) 3-Nitroaniline	14.59	138	38461	21.989 ng/ul	87
50) Acenaphthene	14.76	153	196927	19.952 ng/ul	97
51) 2,4-Dinitrophenol	14.79	184	28326	20.465 ng/ul	96
53) 4-Nitrophenol	14.89	109	41979	21.158 ng/ul	97
54) Dibenzofuran	15.08	168	287343	20.005 ng/ul	99
55) 2,4-Dinitrotoluene	15.04	165	78636	21.382 ng/ul#	99
56) 2,3,4,6-Tetrachlorophenol	15.31	232	72200	18.848 ng/ul#	92
57) Diethylphthalate	15.50	149	258466	20.849 ng/ul	99
59) Fluorene	15.74	166	238443	20.224 ng/ul	95
60) 4-Chlorophenyl-phenylether	15.73	204	137058	20.261 ng/ul	99
61) 4-Nitroaniline	15.75	138	43648	21.538 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.81	198	51763	18.871 ng/ul#	88
65) N-Nitrosodiphenylamine	15.94	169	216376	19.405 ng/ul	98
66) 4-Bromophenyl-phenylether	16.62	248	98683	19.282 ng/ul	90
67) Hexachlorobenzene	16.74	284	106213	19.608 ng/ul	97
68) Atrazine	16.88	200	97006	20.158 ng/ul	97
69) Pentachlorophenol	17.08	266	46583	15.080 ng/ul	97
70) Phenanthrene	17.48	178	423762	19.583 ng/ul	99
72) Anthracene	17.57	178	429187	19.736 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.49	216	114991	17.742 ng/uL	98
74) Pentachlorobenzene	15.01	250	116515	18.751 ng/uL	97
75) Carbazole	17.83	167	346667	20.752 ng/ul	100
76) Di-n-butylphthalate	18.39	149	451373	20.254 ng/ul	99
77) Fluoranthene	19.49	202	541151	20.778 ng/ul	99
80) Pyrene	19.84	202	534167	20.178 ng/ul	99
81) Butylbenzylphthalate	20.72	149	193270	19.875 ng/ul	94
82) 3,3'-Dichlorobenzidine	21.59	252	150214	21.220 ng/ul	90
83) Benzo(a)anthracene	21.68	228	514622	19.637 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.58	149	269841	20.004 ng/ul#	97
85) Chrysene	21.75	228	498806	19.783 ng/ul	98
87) Di-n-octyl phthalate	22.80	149	454359	20.563 ng/ul	100
88) Benzo(b)fluoranthene	23.91	252	510276	19.462 ng/ul	99
89) Benzo(k)fluoranthene	23.98	252	502776	19.789 ng/ul	100
91) Benzo(a)pyrene	24.79	252	464521	19.674 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.63	276	566653m	19.312 ng/ul	
93) Dibenzo(a,h)anthracene	28.69	278	462412	19.428 ng/ul	99
94) Benzo(g,h,i)perylene	29.79	276	478608	19.516 ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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