Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
Data File : BG047618.D
Acq On : 7 Dec 2020 15:04
Operator : CG/JU
Sample : SSTD01026
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD01026

Manual Integrations APPROVED
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Quant Time: Dec 07 16:58:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 16:26:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	25168	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	92152	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	71714	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	180864	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	185276	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	189022	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	1725m	2.49	ng/uL	0.02
5) Phenol-d5	7.35	99	21183	8.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	10887	7.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	15935	9.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	17282	8.91	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	8099	10.64	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.11	143	9562	11.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.66	165	19381	10.19	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	18709	9.73	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	61284	9.95	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	69483	9.77	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	9446	10.06	ng/ul	0.00
58) Fluorene-d10	15.82	176	58156	10.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	11741	11.40	ng/ul	0.00
71) Anthracene-d10	17.67	188	91579	10.21	ng/ul	0.00
79) Pyrene-d10	19.94	212	110946	10.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	111241	10.22	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	2359	3.302	ng/uL#	60
4) Benzaldehyde	7.34	77	13107	8.792	ng/ul#	89
6) Phenol	7.38	94	20074	8.301	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.62	93	15044	8.428	ng/ul#	91
10) 2-Chlorophenol	7.77	128	16377	9.586	ng/ul#	81
11) 2-Methylphenol	8.65	108	15290	8.139	ng/ul#	81
12) 2,2'-oxybis(1-Chloropropan	8.74	45	13293	7.080	ng/ul	93
14) Acetophenone	9.04	105	26760	8.958	ng/ul	91
15) N-Nitroso-di-n-propylamine	9.01	70	13786	7.649	ng/ul#	94
16) 4-Methylphenol	8.97	108	16480	8.359	ng/ul	91
17) Hexachloroethane	9.31	117	8100	10.089	ng/ul	88
20) Nitrobenzene	9.43	77	24290	9.866	ng/ul#	89
21) Isophorone	9.95	82	41644	8.875	ng/ul#	93
23) 2-Nitrophenol	10.15	139	9621	10.656	ng/ul#	78
24) 2,4-Dimethylphenol	10.19	107	22256	9.711	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.43	93	17955	7.956	ng/ul#	96
27) 2,4-Dichlorophenol	10.68	162	16712	9.899	ng/ul	94
28) Naphthalene	11.09	128	53435	10.238	ng/ul#	95
30) 4-Chloroaniline	11.19	127	16936	9.241	ng/ul	97
31) Hexachlorobutadiene	11.38	225	17672	11.126	ng/ul#	76
32) Caprolactam	11.94	113	5440m	8.840	ng/ul	
33) 4-Chloro-3-methylphenol	12.29	107	19625	9.406	ng/ul#	95
34) 2-Methylnaphthalene	12.68	142	38821	10.037	ng/ul	84

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35) 1-Methylnaphthalene	12.90	142	46897	10.316	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	29379	10.425	ng/ul	97
38) Hexachlorocyclopentadiene	13.03	237	17802	9.078	ng/ul	89
39) 2,4,6-Trichlorophenol	13.28	196	18640	10.651	ng/ul	92
40) 2,4,5-Trichlorophenol	13.35	196	19547	10.759	ng/ul#	91
41) 1,1'-Biphenyl	13.67	154	55823	10.035	ng/ul	97
42) 2-Chloronaphthalene	13.72	162	44453	10.081	ng/ul	96
43) 2-Nitroaniline	13.91	65	14129	8.810	ng/ul#	89
45) Dimethylphthalate	14.28	163	62798	10.000	ng/ul	99
46) 2,6-Dinitrotoluene	14.39	165	13498	11.224	ng/ul	90
48) Acenaphthylene	14.56	152	66318	10.028	ng/ul	97
49) 3-Nitroaniline	14.72	138	9720	10.351	ng/ul#	95
50) Acenaphthene	14.89	153	48295	10.412	ng/ul	91
51) 2,4-Dinitrophenol	14.93	184	5136m	8.015	ng/ul	
53) 4-Nitrophenol	15.02	109	14689	10.802	ng/ul	86
54) Dibenzofuran	15.23	168	69991	10.273	ng/ul	88
55) 2,4-Dinitrotoluene	15.18	165	19423	11.384	ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	15.45	232	16545	9.509	ng/ul#	92
57) Diethylphthalate	15.63	149	58513	9.498	ng/ul	95
59) Fluorene	15.88	166	58290	10.155	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.86	204	36460	10.575	ng/ul	95
61) 4-Nitroaniline	15.88	138	10336	9.401	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.95	198	11653	10.817	ng/ul#	87
65) N-Nitrosodiphenylamine	16.08	169	52314	10.133	ng/ul#	91
66) 4-Bromophenyl-phenylether	16.76	248	23180	10.089	ng/ul	85
67) Hexachlorobenzene	16.88	284	25379	10.559	ng/ul	95
68) Atrazine	17.01	200	24804	10.916	ng/ul#	92
69) Pentachlorophenol	17.22	266	7035m	5.004	ng/ul	
70) Phenanthrene	17.61	178	102614	10.506	ng/ul	98
72) Anthracene	17.70	178	103333	10.505	ng/ul	94
73) 1,2,3,4-Tetrachlorobenzene	13.64	216	29415	10.346	ng/uL	99
74) Pentachlorobenzene	15.15	250	28472	10.416	ng/uL	96
75) Carbazole	17.97	167	84051	10.593	ng/ul	95
76) Di-n-butylphthalate	18.51	149	102887	10.180	ng/ul	99
77) Fluoranthene	19.61	202	136874	11.096	ng/ul	99
80) Pyrene	19.97	202	139671	10.642	ng/ul#	98
81) Butylbenzylphthalate	20.83	149	45959	9.971	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.73	252	42660	9.863	ng/ul#	94
83) Benzo(a)anthracene	21.83	228	138255	10.488	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.72	149	64087	9.975	ng/ul	98
85) Chrysene	21.90	228	127872	10.193	ng/ul	95
87) Di-n-octyl phthalate	22.97	149	105009	10.030	ng/ul	100
88) Benzo(b)fluoranthene	24.14	252	137106	10.273	ng/ul#	91
89) Benzo(k)fluoranthene	24.21	252	135416	10.296	ng/ul#	94
91) Benzo(a)pyrene	25.05	252	122736	10.316	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.05	276	150170	10.377	ng/ul#	95
93) Dibenzo(a,h)anthracene	29.12	278	124857m	10.523	ng/ul	
94) Benzo(g,h,i)perylene	30.26	276	121442m	10.170	ng/ul	

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

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