Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112720\
Data File : BG047480.D
Acq On : 27 Nov 2020 14:34
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02063

Manual Integrations APPROVED
mohammad
11/30/2020 12:00:08 PM

Quant Time: Nov 27 15:23:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG111820.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 04:10:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	30415	20.00	ng/ul	0.00
20) Naphthalene-d8	11.09	136	113657	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.88	164	86998	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	212200	20.00	ng/ul	0.00
79) Chrysene-d12	21.90	240	215651	20.00	ng/ul	0.00
88) Perylene-d12	25.30	264	220744	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	4995	6.51	ng/uL	0.00
4) Pyridine-d5	4.04	84	42244	17.92	ng/ul	0.00
7) Phenol-d5	7.40	99	52117	17.88	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.58	67	29752	17.44	ng/ul	0.00
11) 2-Chlorophenol-d4	7.79	132	39064	19.64	ng/ul	0.00
15) 4-Methylphenol-d8	8.96	113	39199	17.32	ng/ul	0.00
21) Nitrobenzene-d5	9.44	128	17950	19.03	ng/ul	0.00
24) 2-Nitrophenol-d4	10.17	143	22868	23.16	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.70	165	45717	20.13	ng/ul	0.00
31) 4-Chloroaniline-d4	11.22	131	52788	18.82	ng/ul	0.00
46) Dimethylphthalate-d6	14.27	166	142024	19.52	ng/ul	0.00
49) Acenaphthylene-d8	14.58	160	163389	19.68	ng/ul	0.00
54) 4-Nitrophenol-d4	15.04	143	20290	19.10	ng/ul	0.00
60) Fluorene-d10	15.86	176	129322	19.67	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.97	200	23516	20.92	ng/ul	0.00
73) Anthracene-d10	17.71	188	210003	20.44	ng/ul	0.00
81) Pyrene-d10	19.98	212	241930	19.88	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.06	264	244054	20.06	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	5971m	6.724	ng/uL	
5) Pyridine	4.06	79	37492	16.372	ng/ul	91
6) Benzaldehyde	7.39	77	26914	18.653	ng/ul	93
8) Phenol	7.43	94	49826	17.593	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.67	93	36457	17.426	ng/ul	91
12) 2-Chlorophenol	7.82	128	37572	18.782	ng/ul#	89
13) 2-Methylphenol	8.69	108	39737	18.183	ng/ul	95
14) 2,2'-oxybis(1-Chloropropan	8.78	45	36818m	15.854	ng/ul	
16) Acetophenone	9.09	105	65834	17.745	ng/ul	88
17) N-Nitroso-di-n-propylamine	9.07	70	38298	17.181	ng/ul#	95
18) 4-Methylphenol	9.02	108	40093	17.007	ng/ul	94
19) Hexachloroethane	9.37	117	18087	19.626	ng/ul	93
22) Nitrobenzene	9.48	77	60350	20.688	ng/ul	99
23) Isophorone	10.00	82	102404	17.684	ng/ul	97
25) 2-Nitrophenol	10.20	139	24683	23.150	ng/ul#	82
26) 2,4-Dimethylphenol	10.24	107	56484	20.157	ng/ul	89
27) Bis(2-Chloroethoxy)methane	10.48	93	47327	16.807	ng/ul	92
29) 2,4-Dichlorophenol	10.72	162	43059	20.847	ng/ul#	85
30) Naphthalene	11.15	128	125985	19.777	ng/ul	98
32) 4-Chloroaniline	11.24	127	51386	19.258	ng/ul#	89
33) Hexachlorobutadiene	11.43	225	45244	23.231	ng/ul	86
34) Caprolactam	11.99	113	13602m	17.370	ng/ul	

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35) 4-Chloro-3-methylphenol	12.33	107	48206	18.487	ng/ul	96
36) 2-Methylnaphthalene	12.73	142	95817	19.852	ng/ul	98
37) 1-Methylnaphthalene	12.94	142	92123	19.751	ng/ul	94
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	69946	20.803	ng/ul	98
40) Hexachlorocyclopentadiene	13.07	237	45507	19.061	ng/ul	96
41) 2,4,6-Trichlorophenol	13.32	196	43012	20.835	ng/ul#	80
42) 2,4,5-Trichlorophenol	13.39	196	43286	19.899	ng/ul	93
43) 1,1'-Biphenyl	13.72	154	131023	20.081	ng/ul	99
44) 2-Chloronaphthalene	13.77	162	104244	20.029	ng/ul	96
45) 2-Nitroaniline	13.96	65	36271	20.346	ng/ul	92
47) Dimethylphthalate	14.32	163	147128	19.863	ng/ul	98
48) 2,6-Dinitrotoluene	14.44	165	30148	21.755	ng/ul	89
50) Acenaphthylene	14.61	152	155470	19.943	ng/ul	99
51) 3-Nitroaniline	14.77	138	22389	19.633	ng/ul	95
52) Acenaphthene	14.94	153	107798	19.229	ng/ul#	91
53) 2,4-Dinitrophenol	14.97	184	11966	16.872	ng/ul	85
55) 4-Nitrophenol	15.05	109	36034	23.362	ng/ul	91
56) Dibenzofuran	15.28	168	160251	20.016	ng/ul	96
57) 2,4-Dinitrotoluene	15.22	165	42034	21.649	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.49	232	41898	20.892	ng/ul	97
59) Diethylphthalate	15.67	149	139145	18.665	ng/ul	98
61) Fluorene	15.92	166	132361	19.313	ng/ul	95
62) 4-Chlorophenyl-phenylether	15.91	204	82668	19.883	ng/ul#	88
63) 4-Nitroaniline	15.92	138	21493	18.826	ng/ul	81
66) 4,6-Dinitro-2-methylphenol	15.98	198	24806	20.899	ng/ul	93
67) N-Nitrosodiphenylamine	16.11	169	120109	19.896	ng/ul	94
68) 4-Bromophenyl-phenylether	16.80	248	55103	20.695	ng/ul	92
69) Hexachlorobenzene	16.92	284	62381	21.967	ng/ul	97
70) Atrazine	17.05	200	54769	20.403	ng/ul	97
71) Pentachlorophenol	17.26	266	26550	17.315	ng/ul	94
72) Phenanthrene	17.66	178	234744	20.763	ng/ul	98
74) Anthracene	17.75	178	231710	20.316	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.69	216	71020	21.343	ng/uL	98
76) Pentachlorobenzene	15.20	250	69285	21.136	ng/uL	94
77) Carbazole	18.01	167	185457	20.124	ng/ul	99
78) Di-n-butylphthalate	18.56	149	227838	18.975	ng/ul	97
80) Fluoranthene	19.65	202	302902	19.697	ng/ul#	96
82) Pyrene	20.01	202	294054	19.330	ng/ul#	96
83) Butylbenzylphthalate	20.87	149	101101	18.853	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.78	252	107874	19.828	ng/ul#	92
85) Benzo(a)anthracene	21.88	228	303114	20.106	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.76	149	137393	18.384	ng/ul#	99
87) Chrysene	21.95	228	284971	19.688	ng/ul	97
89) Di-n-octyl phthalate	23.04	149	231757	18.995	ng/ul	100
90) Benzo(b)fluoranthene	24.21	252	302350	19.743	ng/ul	97
91) Benzo(k)fluoranthene	24.28	252	303021m	20.594	ng/ul	
93) Benzo(a)pyrene	25.14	252	274475	20.179	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.20	276	333127	20.290	ng/ul#	97
95) Dibenzo(a,h)anthracene	29.27	278	278369	20.631	ng/ul#	96
96) Benzo(g,h,i)perylene	30.42	276	277281m	20.377	ng/ul	

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

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