Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112720\
Data File : BG047475.D
Acq On : 27 Nov 2020 10:21
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02062

Manual Integrations APPROVED
mohammad
11/30/2020 11:59:57 AM

Quant Time: Nov 27 11:26:31 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	28793	20.00	ng/ul	0.00
20) Naphthalene-d8	11.10	136	108087	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.88	164	80469	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	201266	20.00	ng/ul	0.00
79) Chrysene-d12	21.90	240	205402	20.00	ng/ul	0.00
88) Perylene-d12	25.29	264	217195	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	4659	6.41	ng/uL	-0.01
4) Pyridine-d5	4.04	84	37714	16.90	ng/ul	0.00
7) Phenol-d5	7.40	99	51668	18.73	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.58	67	27404	16.97	ng/ul	0.00
11) 2-Chlorophenol-d4	7.79	132	35473	18.84	ng/ul	0.00
15) 4-Methylphenol-d8	8.96	113	38244	17.85	ng/ul	0.00
21) Nitrobenzene-d5	9.43	128	17656	19.68	ng/ul	0.00
24) 2-Nitrophenol-d4	10.16	143	20984	22.35	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.70	165	43546	20.16	ng/ul	0.00
31) 4-Chloroaniline-d4	11.22	131	49758	18.65	ng/ul	0.00
46) Dimethylphthalate-d6	14.27	166	134172	19.94	ng/ul	0.00
49) Acenaphthylene-d8	14.58	160	153590	20.00	ng/ul	0.00
54) 4-Nitrophenol-d4	15.04	143	17892	18.21	ng/ul	0.00
60) Fluorene-d10	15.87	176	124387	20.46	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.97	200	21695	20.35	ng/ul	0.00
73) Anthracene-d10	17.71	188	198037m	20.32	ng/ul	0.00
81) Pyrene-d10	19.98	212	226968	19.58	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.06	264	241197	20.14	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	5367	6.384	ng/uL#	77
5) Pyridine	4.06	79	32965	15.206	ng/ul	94
6) Benzaldehyde	7.39	77	25954	19.001	ng/ul#	82
8) Phenol	7.43	94	47294	17.639	ng/ul#	81
10) Bis(2-Chloroethyl)ether	7.67	93	33422	16.875	ng/ul	91
12) 2-Chlorophenol	7.82	128	36460	19.253	ng/ul	92
13) 2-Methylphenol	8.69	108	36877	17.825	ng/ul	82
14) 2,2'-oxybis(1-Chloropropan	8.79	45	33423	15.203	ng/ul	99
16) Acetophenone	9.09	105	59944	17.068	ng/ul#	83
17) N-Nitroso-di-n-propylamine	9.07	70	33638	15.940	ng/ul#	80
18) 4-Methylphenol	9.02	108	37665	16.877	ng/ul	98
19) Hexachloroethane	9.36	117	18313	20.991	ng/ul	83
22) Nitrobenzene	9.47	77	55946	20.167	ng/ul	97
23) Isophorone	10.00	82	96241	17.477	ng/ul	96
25) 2-Nitrophenol	10.19	139	20725	20.439	ng/ul#	74
26) 2,4-Dimethylphenol	10.24	107	51491	19.322	ng/ul	96
27) Bis(2-Chloroethoxy)methane	10.48	93	46321	17.297	ng/ul#	90
29) 2,4-Dichlorophenol	10.73	162	39429	20.073	ng/ul	95
30) Naphthalene	11.15	128	123004	20.304	ng/ul	97
32) 4-Chloroaniline	11.24	127	48525	19.123	ng/ul	100
33) Hexachlorobutadiene	11.42	225	42165	22.766	ng/ul#	85
34) Caprolactam	11.99	113	13067m	17.546	ng/ul	

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35) 4-Chloro-3-methylphenol	12.34	107	44789	18.061	ng/ul	96
36) 2-Methylnaphthalene	12.73	142	91041	19.834	ng/ul	94
37) 1-Methylnaphthalene	12.95	142	85694	19.319	ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	68458	22.012	ng/ul	94
40) Hexachlorocyclopentadiene	13.08	237	42599	19.291	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.32	196	40057	20.978	ng/ul	87
42) 2,4,5-Trichlorophenol	13.39	196	41895	20.822	ng/ul	98
43) 1,1'-Biphenyl	13.72	154	127722	21.164	ng/ul	95
44) 2-Chloronaphthalene	13.76	162	99277	20.622	ng/ul	96
45) 2-Nitroaniline	13.95	65	34461	20.900	ng/ul	95
47) Dimethylphthalate	14.32	163	139467	20.356	ng/ul	97
48) 2,6-Dinitrotoluene	14.44	165	26111	20.371	ng/ul	94
50) Acenaphthylene	14.61	152	144237	20.003	ng/ul	99
51) 3-Nitroaniline	14.76	138	21218	20.116	ng/ul#	78
52) Acenaphthene	14.94	153	102889	19.842	ng/ul	92
53) 2,4-Dinitrophenol	14.97	184	12865	19.612	ng/ul#	81
55) 4-Nitrophenol	15.06	109	32226	22.589	ng/ul	82
56) Dibenzofuran	15.27	168	151076	20.401	ng/ul	95
57) 2,4-Dinitrotoluene	15.22	165	40731	22.680	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.49	232	42113	22.703	ng/ul#	96
59) Diethylphthalate	15.67	149	134614	19.522	ng/ul#	96
61) Fluorene	15.92	166	126680	19.984	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.91	204	80654	20.973	ng/ul	90
63) 4-Nitroaniline	15.93	138	21069	19.952	ng/ul	93
66) 4,6-Dinitro-2-methylphenol	15.98	198	23454	20.834	ng/ul#	88
67) N-Nitrosodiphenylamine	16.11	169	116180	20.291	ng/ul	99
68) 4-Bromophenyl-phenylether	16.79	248	55489	21.972	ng/ul	90
69) Hexachlorobenzene	16.92	284	58106	21.573	ng/ul	95
70) Atrazine	17.05	200	52443	20.598	ng/ul	96
71) Pentachlorophenol	17.25	266	26857	18.466	ng/ul	87
72) Phenanthrene	17.66	178	222473	20.747	ng/ul	98
74) Anthracene	17.75	178	219576	20.298	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.69	216	67730	21.460	ng/uL	97
76) Pentachlorobenzene	15.19	250	64310	20.684	ng/uL#	89
77) Carbazole	18.01	167	178981	20.476	ng/ul	99
78) Di-n-butylphthalate	18.55	149	215979	18.965	ng/ul	99
80) Fluoranthene	19.64	202	290737	19.849	ng/ul#	95
82) Pyrene	20.01	202	284531	19.638	ng/ul#	94
83) Butylbenzylphthalate	20.87	149	97981	19.183	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.78	252	101475	19.583	ng/ul	94
85) Benzo(a)anthracene	21.88	228	289568	20.166	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.77	149	134180	18.850	ng/ul	93
87) Chrysene	21.95	228	272327	19.753	ng/ul	99
89) Di-n-octyl phthalate	23.04	149	231411	19.277	ng/ul	100
90) Benzo(b)fluoranthene	24.21	252	308497	20.474	ng/ul#	99
91) Benzo(k)fluoranthene	24.29	252	291812	20.156	ng/ul#	98
93) Benzo(a)pyrene	25.14	252	268925	20.094	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.19	276	331423m	20.516	ng/ul	
95) Dibenzo(a,h)anthracene	29.27	278	275927m	20.784	ng/ul	
96) Benzo(g,h,i)perylene	30.41	276	266607m	19.913	ng/ul	

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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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