Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012921\
Data File : BG048070.D
Acq On : 29 Jan 2021 12:54
Operator : CG/JU
Sample : SSTD02002
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020002

Manual Integrations APPROVED
mohammad
2/1/2021 11:49:07 AM

Quant Time: Jan 29 14:02:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG012921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 29 14:00:06 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	48083	20.00	ng/ul	0.00
20) Naphthalene-d8	10.93	136	193399	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.74	164	142559	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.48	188	343651	20.00	ng/ul	0.00
79) Chrysene-d12	21.76	240	352866	20.00	ng/ul	0.00
88) Perylene-d12	25.03	264	356717	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	10876	8.27	ng/uL	0.00
4) Pyridine-d5	3.94	84	74460	20.37	ng/ul	0.00
7) Phenol-d5	7.26	99	88848	22.04	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.43	67	57102	22.08	ng/ul	0.00
11) 2-Chlorophenol-d4	7.64	132	66124	21.48	ng/ul	0.00
15) 4-Methylphenol-d8	8.81	113	73561	22.99	ng/ul	0.00
21) Nitrobenzene-d5	9.28	128	33190	24.00	ng/ul	0.00
24) 2-Nitrophenol-d4	10.00	143	40361	29.57	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.54	165	77265	22.78	ng/ul	0.00
31) 4-Chloroaniline-d4	11.06	131	101464	21.82	ng/ul	0.00
46) Dimethylphthalate-d6	14.14	166	244396	21.14	ng/ul	0.00
49) Acenaphthylene-d8	14.44	160	285290	20.84	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	42897	22.52	ng/ul	0.00
60) Fluorene-d10	15.73	176	216443	20.67	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.83	200	49929	29.62	ng/ul	0.00
73) Anthracene-d10	17.58	188	346547	21.15	ng/ul	0.00
81) Pyrene-d10	19.86	212	415829	21.67	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.81	264	414471	21.18	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	11550	8.078	ng/uL	100
5) Pyridine	3.96	79	79893	21.742	ng/ul	100
6) Benzaldehyde	7.25	77	47992	25.369	ng/ul	100
8) Phenol	7.29	94	93384	22.920	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.53	93	74005	23.101	ng/ul	100
12) 2-Chlorophenol	7.68	128	64621	21.468	ng/ul	100
13) 2-Methylphenol	8.55	108	66469	21.162	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.64	45	96049m	20.433	ng/ul	
16) Acetophenone	8.94	105	118679	24.257	ng/ul	100
17) N-Nitroso-di-n-propylamine	8.92	70	65435	22.608	ng/ul	100
18) 4-Methylphenol	8.88	108	75394	22.943	ng/ul	100
19) Hexachloroethane	9.21	117	30066	22.115	ng/ul	100
22) Nitrobenzene	9.32	77	99772	24.308	ng/ul	100
23) Isophorone	9.85	82	182190	22.000	ng/ul	100
25) 2-Nitrophenol	10.03	139	42011	26.891	ng/ul	100
26) 2,4-Dimethylphenol	10.08	107	87871	22.384	ng/ul	100
27) Bis(2-Chloroethoxy)methane	10.32	93	102739	22.674	ng/ul	100
29) 2,4-Dichlorophenol	10.56	162	72477	22.928	ng/ul	100
30) Naphthalene	10.98	128	223882	21.344	ng/ul	100
32) 4-Chloroaniline	11.08	127	97789	22.661	ng/ul	100
33) Hexachlorobutadiene	11.27	225	63171	22.427	ng/ul	100
34) Caprolactam	11.83	113	25468m	22.159	ng/ul	

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35) 4-Chloro-3-methylphenol	12.19	107	81874	22.969	ng/ul	100
36) 2-Methylnaphthalene	12.57	142	167248	21.482	ng/ul	100
37) 1-Methylnaphthalene	12.80	142	158969	21.218	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	115183	21.738	ng/ul	100
40) Hexachlorocyclopentadiene	12.93	237	74933	24.550	ng/ul	100
41) 2,4,6-Trichlorophenol	13.17	196	74368	24.438	ng/ul	100
42) 2,4,5-Trichlorophenol	13.24	196	79464	23.968	ng/ul	100
43) 1,1'-Biphenyl	13.58	154	226204	20.626	ng/ul	100
44) 2-Chloronaphthalene	13.62	162	186066	21.806	ng/ul	100
45) 2-Nitroaniline	13.81	65	62867	26.601	ng/ul	100
47) Dimethylphthalate	14.18	163	252040	21.265	ng/ul	100
48) 2,6-Dinitrotoluene	14.30	165	53304	25.626	ng/ul	100
50) Acenaphthylene	14.46	152	271430	20.509	ng/ul	100
51) 3-Nitroaniline	14.63	138	33198	18.631	ng/ul	100
52) Acenaphthene	14.80	153	198622	20.565	ng/ul	100
53) 2,4-Dinitrophenol	14.84	184	33667	28.771	ng/ul	100
55) 4-Nitrophenol	14.93	109	45170	23.078	ng/ul	100
56) Dibenzofuran	15.13	168	286330	21.838	ng/ul	100
57) 2,4-Dinitrotoluene	15.09	165	75632	25.534	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.36	232	76993	24.910	ng/ul	100
59) Diethylphthalate	15.55	149	254759	21.665	ng/ul	100
61) Fluorene	15.78	166	230150	20.617	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.78	204	138058	21.755	ng/ul	100
63) 4-Nitroaniline	15.79	138	28990	16.576	ng/ul	100
66) 4,6-Dinitro-2-methylphenol	15.85	198	51844	28.242	ng/ul	100
67) N-Nitrosodiphenylamine	15.99	169	206508	21.015	ng/ul	100
68) 4-Bromophenyl-phenylether	16.67	248	93055	22.445	ng/ul	100
69) Hexachlorobenzene	16.79	284	99055	23.164	ng/ul	100
70) Atrazine	16.93	200	94697	23.149	ng/ul	100
71) Pentachlorophenol	17.13	266	58597	22.443	ng/ul	100
72) Phenanthrene	17.53	178	406521	21.682	ng/ul	100
74) Anthracene	17.61	178	413201	22.023	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.54	216	115573	21.708	ng/uL	100
76) Pentachlorobenzene	15.05	250	118362	23.116	ng/uL	100
77) Carbazole	17.88	167	350657	22.826	ng/ul	100
78) Di-n-butylphthalate	18.44	149	430075	21.875	ng/ul	100
80) Fluoranthene	19.52	202	533318	21.867	ng/ul	100
82) Pyrene	19.89	202	525191	21.859	ng/ul	100
83) Butylbenzylphthalate	20.76	149	189084	22.450	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.64	252	176435	22.413	ng/ul	100
85) Benzo(a)anthracene	21.73	228	520876	21.017	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.64	149	265226	21.773	ng/ul	100
87) Chrysene	21.80	228	503542	21.343	ng/ul	100
89) Di-n-octyl phthalate	22.87	149	445686	22.633	ng/ul	100
90) Benzo(b)fluoranthene	23.99	252	523173	21.144	ng/ul	100
91) Benzo(k)fluoranthene	24.06	252	497412	21.037	ng/ul	100
93) Benzo(a)pyrene	24.88	252	475456	21.551	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.77	276	579079	21.231	ng/ul	100
95) Dibenzo(a,h)anthracene	28.84	278	475463	21.129	ng/ul	100
96) Benzo(g,h,i)perylene	29.92	276	481392	21.324	ng/ul	100

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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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