Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011521\
Data File : BG047925.D
Acq On : 15 Jan 2021 14:58
Operator : CG/JU
Sample : SSTD02001
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD020001

Manual Integrations APPROVED
mohammad
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Quant Time: Jan 15 15:54:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG011521.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 15:35:35 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	76780	20.00	ng/ul	0.00
20) Naphthalene-d8	10.97	136	298381	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.77	164	208947	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.52	188	510974	20.00	ng/ul	0.00
79) Chrysene-d12	21.80	240	532126	20.00	ng/ul	0.00
88) Perylene-d12	25.11	264	530844	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	17181	7.84	ng/uL	0.00
4) Pyridine-d5	3.97	84	125166	21.50	ng/ul	0.00
7) Phenol-d5	7.29	99	137594	20.79	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.47	67	91484	21.75	ng/ul	0.00
11) 2-Chlorophenol-d4	7.68	132	104013	20.58	ng/ul	0.00
15) 4-Methylphenol-d8	8.84	113	107179	20.50	ng/ul	0.00
21) Nitrobenzene-d5	9.31	128	46513	24.95	ng/ul	0.00
24) 2-Nitrophenol-d4	10.04	143	45205	22.91	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.58	165	114137	21.50	ng/ul	0.00
31) 4-Chloroaniline-d4	11.09	131	161547	22.80	ng/ul	0.00
46) Dimethylphthalate-d6	14.17	166	362093	21.01	ng/ul	0.00
49) Acenaphthylene-d8	14.47	160	426474	20.94	ng/ul	0.00
54) 4-Nitrophenol-d4	14.94	143	57127	22.52	ng/ul	0.00
60) Fluorene-d10	15.77	176	320447	20.84	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.86	200	45935	20.06	ng/ul	0.00
73) Anthracene-d10	17.62	188	518109	21.16	ng/ul	0.00
81) Pyrene-d10	19.89	212	630111	21.76	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.88	264	644242	21.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.60	88	18997	8.293	ng/uL	100
5) Pyridine	4.00	79	125410	21.251	ng/ul	100
6) Benzaldehyde	7.29	77	51938	17.349	ng/ul	100
8) Phenol	7.32	94	142742	21.356	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.56	93	113282	21.968	ng/ul	100
12) 2-Chlorophenol	7.71	128	104097	20.873	ng/ul	100
13) 2-Methylphenol	8.58	108	107397	20.892	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.69	45	165748	21.389	ng/ul	100
16) Acetophenone	8.97	105	170782	21.248	ng/ul	100
17) N-Nitroso-di-n-propylamine	8.96	70	97850	20.872	ng/ul	100
18) 4-Methylphenol	8.90	108	111698	20.933	ng/ul	100
19) Hexachloroethane	9.24	117	45920	20.779	ng/ul	100
22) Nitrobenzene	9.35	77	138123	24.694	ng/ul	100
23) Isophorone	9.88	82	277351	21.183	ng/ul	100
25) 2-Nitrophenol	10.07	139	52741	23.773	ng/ul	100
26) 2,4-Dimethylphenol	10.12	107	131393	21.307	ng/ul	100
27) Bis(2-Chloroethoxy)methane	10.37	93	149933	21.434	ng/ul	100
29) 2,4-Dichlorophenol	10.61	162	105822	21.795	ng/ul	100
30) Naphthalene	11.02	128	348818	21.761	ng/ul	100
32) 4-Chloroaniline	11.12	127	150372	23.201	ng/ul	100
33) Hexachlorobutadiene	11.31	225	92461	21.023	ng/ul	100
34) Caprolactam	11.86	113	36385m	20.229	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.22	107	118550	21.589	ng/ul	100
36) 2-Methylnaphthalene	12.62	142	257854	21.539	ng/ul	100
37) 1-Methylnaphthalene	12.83	142	247588	21.642	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	162742	20.528	ng/ul	100
40) Hexachlorocyclopentadiene	12.96	237	90876	18.887	ng/ul	100
41) 2,4,6-Trichlorophenol	13.21	196	95746	20.496	ng/ul	100
42) 2,4,5-Trichlorophenol	13.27	196	103115	20.877	ng/ul	100
43) 1,1'-Biphenyl	13.61	154	340261	20.817	ng/ul	100
44) 2-Chloronaphthalene	13.66	162	266529	20.950	ng/ul	100
45) 2-Nitroaniline	13.84	65	73349	24.486	ng/ul	100
47) Dimethylphthalate	14.22	163	371102	21.084	ng/ul	100
48) 2,6-Dinitrotoluene	14.34	165	64339	24.455	ng/ul	100
50) Acenaphthylene	14.50	152	408762	20.903	ng/ul	100
51) 3-Nitroaniline	14.66	138	45623	19.749	ng/ul	100
52) Acenaphthene	14.84	153	299275	21.036	ng/ul	100
53) 2,4-Dinitrophenol	14.86	184	31531	19.243	ng/ul	100
55) 4-Nitrophenol	14.95	109	60976	22.672	ng/ul	100
56) Dibenzofuran	15.17	168	406548	21.121	ng/ul	100
57) 2,4-Dinitrotoluene	15.12	165	93979	25.756	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.39	232	96162	21.319	ng/ul	100
59) Diethylphthalate	15.58	149	370930	21.141	ng/ul	100
61) Fluorene	15.82	166	339184	20.784	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.81	204	192768	20.577	ng/ul	100
63) 4-Nitroaniline	15.82	138	40485	17.270	ng/ul	100
66) 4,6-Dinitro-2-methylphenol	15.88	198	51084	20.152	ng/ul	100
67) N-Nitrosodiphenylamine	16.02	169	307573	20.783	ng/ul	100
68) 4-Bromophenyl-phenylether	16.71	248	131298	20.848	ng/ul	100
69) Hexachlorobenzene	16.82	284	135709	21.074	ng/ul	100
70) Atrazine	16.96	200	129859	20.878	ng/ul	100
71) Pentachlorophenol	17.16	266	79867	20.389	ng/ul	100
72) Phenanthrene	17.56	178	592315	21.406	ng/ul	100
74) Anthracene	17.65	178	602761	21.790	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.58	216	168663	20.955	ng/uL	100
76) Pentachlorobenzene	15.09	250	160154	20.417	ng/uL	100
77) Carbazole	17.91	167	524191	23.004	ng/ul	100
78) Di-n-butylphthalate	18.47	149	646872	21.604	ng/ul	100
80) Fluoranthene	19.56	202	810655	22.175	ng/ul	100
82) Pyrene	19.92	202	789029	21.962	ng/ul	100
83) Butylbenzylphthalate	20.81	149	284186	22.486	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.69	252	251031	20.312	ng/ul	100
85) Benzo(a)anthracene	21.78	228	810307	21.773	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.69	149	417876	22.286	ng/ul	100
87) Chrysene	21.85	228	773979	21.629	ng/ul	100
89) Di-n-octyl phthalate	22.95	149	686000	22.751	ng/ul	100
90) Benzo(b)fluoranthene	24.06	252	807240	22.052	ng/ul	100
91) Benzo(k)fluoranthene	24.13	252	782583	21.804	ng/ul	100
93) Benzo(a)pyrene	24.95	252	724139	21.942	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.88	276	894177	21.939	ng/ul	100
95) Dibenzo(a,h)anthracene	28.96	278	740852	22.269	ng/ul	100
96) Benzo(g,h,i)perylene	30.07	276	740244	22.072	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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