Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091423\
Data File : BG059062.D
Acq On : 14 Sep 2023 13:07
Operator : MA/JU
Sample : SSTD02015
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020416

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 15 05:33:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 14 15:06:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	85705	20.000	ng/ul	0.00
20) Naphthalene-d8	11.148	136	410772	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.932	164	325914	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.682	188	889832	20.000	ng/ul	0.00
79) Chrysene-d12	22.006	240	838259	20.000	ng/ul	0.00
88) Perylene-d12	25.555	264	952376	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.604	96	16369	8.255	ng/uL	0.00
4) Pyridine-d5	4.039	84	128711	20.226	ng/ul	0.00
7) Phenol-d5	7.412	99	176790	20.479	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.617	67	104586	20.614	ng/ul	0.00
11) 2-Chlorophenol-d4	7.811	132	125772	22.533	ng/ul	0.00
15) 4-Methylphenol-d8	8.986	113	148805	21.896	ng/ul	0.00
21) Nitrobenzene-d5	9.497	128	65536	21.556	ng/ul	0.00
24) 2-Nitrophenol-d4	10.220	143	84854	24.347	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.737	165	157523	22.018	ng/ul	0.00
31) 4-Chloroaniline-d4	11.284	131	220434	22.823	ng/ul	0.00
46) Dimethylphthalate-d6	14.327	166	579903	22.464	ng/ul	0.00
49) Acenaphthylene-d8	14.633	160	632219	22.098	ng/ul	0.00
54) 4-Nitrophenol-d4	15.103	143	105674	23.997	ng/ul	0.00
60) Fluorene-d10	15.919	176	534070	23.066	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.025	200	113286	24.259	ng/ul	0.00
73) Anthracene-d10	17.782	188	869352	21.664	ng/ul	0.00
81) Pyrene-d10	20.056	212	1007038	22.088	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.308	264	1019622	21.575	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.645	88	20099	7.830	ng/uL	100
5) Pyridine	4.063	79	133480	19.779	ng/ul	100
6) Benzaldehyde	7.441	77	116431	21.737	ng/ul	100
8) Phenol	7.435	94	189817	20.497	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.717	93	138177	20.680	ng/ul	100
12) 2-Chlorophenol	7.846	128	118781	20.806	ng/ul	100
13) 2-Methylphenol	8.716	108	149219	21.181	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.816	45	166417	20.543	ng/ul	100
16) Acetophenone	9.139	105	249859	22.155	ng/ul	100
17) N-Nitroso-di-n-propyla...	9.104	70	139350	21.945	ng/ul	100
18) 4-Methylphenol	9.045	108	168716	21.898	ng/ul	100
19) Hexachloroethane	9.386	117	51235	21.057	ng/ul	100
22) Nitrobenzene	9.538	77	196234	21.570	ng/ul	100
23) Isophorone	10.050	82	425407	21.909	ng/ul	100
25) 2-Nitrophenol	10.249	139	79452	23.055	ng/ul	100
26) 2,4-Dimethylphenol	10.267	107	189891	22.311	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.531	93	212011	20.822	ng/ul	100
29) 2,4-Dichlorophenol	10.766	162	151741	22.466	ng/ul	100
30) Naphthalene	11.195	128	474125	21.661	ng/ul	100
32) 4-Chloroaniline	11.313	127	206822	22.732	ng/ul	100
33) Hexachlorobutadiene	11.430	225	116001	22.198	ng/ul	100
34) Caprolactam	12.088	113	58347	23.860	ng/ul	100
35) 4-Chloro-3-methylphenol	12.382	107	198146	23.692	ng/ul	100
36) 2-Methylnaphthalene	12.776	142	364415	22.011	ng/ul	100

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37) 1-Methylnaphthalene	12.993	142	368646	22.563	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.117	216	226069	21.177	ng/ul	100
40) Hexachlorocyclopentadiene	13.070	237	161051	19.736	ng/ul	100
41) 2,4,6-Trichlorophenol	13.358	196	148509	21.796	ng/ul	100
42) 2,4,5-Trichlorophenol	13.428	196	164686	22.103	ng/ul	100
43) 1,1'-Biphenyl	13.769	154	530529	21.564	ng/ul	100
44) 2-Chloronaphthalene	13.822	162	400567	21.454	ng/ul	100
45) 2-Nitroaniline	14.033	65	140025	23.572	ng/ul	100
47) Dimethylphthalate	14.374	163	559121	22.759	ng/ul	100
48) 2,6-Dinitrotoluene	14.515	165	111531	23.780	ng/ul	100
50) Acenaphthylene	14.662	152	681353	21.937	ng/ul	100
51) 3-Nitroaniline	14.850	138	111176	24.016	ng/ul	100
52) Acenaphthene	14.991	153	452662	21.682	ng/ul	100
53) 2,4-Dinitrophenol	15.044	184	64389	20.640	ng/ul	100
55) 4-Nitrophenol	15.120	109	123243	23.673	ng/ul	100
56) Dibenzofuran	15.326	168	672850	22.114	ng/ul	100
57) 2,4-Dinitrotoluene	15.291	165	170036	25.483	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.531	232	180252	24.587	ng/ul	100
59) Diethylphthalate	15.719	149	570810	23.352	ng/ul	100
61) Fluorene	15.972	166	567562	22.701	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.954	204	308501	23.020	ng/ul	100
63) 4-Nitroaniline	16.013	138	105233m	23.946	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.037	198	118055	23.398	ng/ul	100
67) N-Nitrosodiphenylamine	16.178	169	484800	20.645	ng/ul	100
68) 4-Bromophenyl-phenylether	16.859	248	219980	22.039	ng/ul	100
69) Hexachlorobenzene	16.947	284	241815	21.438	ng/ul	100
70) Atrazine	17.106	200	225592	23.901	ng/ul	100
71) Pentachlorophenol	17.300	266	152062	21.445	ng/ul	100
72) Phenanthrene	17.723	178	971328	21.246	ng/ul	100
74) Anthracene	17.817	178	1007843	21.608	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.728	216	252624	19.898	ng/uL	100
76) Pentachlorobenzene	15.220	250	261987	21.190	ng/uL	100
77) Carbazole	18.087	167	847039	21.810	ng/ul	100
78) Di-n-butylphthalate	18.598	149	974844	22.276	ng/ul	100
80) Fluoranthene	19.715	202	1172929	22.090	ng/ul	100
82) Pyrene	20.085	202	1205311	21.886	ng/ul	100
83) Butylbenzylphthalate	20.943	149	419434	23.752	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.895	252	432444	22.683	ng/ul	100
85) Benzo(a)anthracene	21.983	228	1220619	21.428	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.818	149	612714	23.232	ng/ul	100
87) Chrysene	22.053	228	1148525	21.606	ng/ul	100
89) Di-n-octyl phthalate	23.146	149	1037472	23.012	ng/ul	100
90) Benzo(b)fluoranthene	24.403	252	1208440	21.145	ng/ul	100
91) Benzo(k)fluoranthene	24.486	252	1220427	21.026	ng/ul	100
93) Benzo(a)pyrene	25.390	252	1129975	21.057	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.668	276	1412598m	20.909	ng/ul	
95) Dibenzo(a,h)anthracene	29.756	278	1119792	20.083	ng/ul	100
96) Benzo(g,h,i)perylene	30.984	276	1140618	21.320	ng/ul	100

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

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