Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071723\
Data File : BG058285.D
Acq On : 17 Jul 2023 16:34
Operator : CG/JU
Sample : SSTD02094
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020444

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 18 01:58:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 01:24:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	46509	20.000	ng/ul	0.00
20) Naphthalene-d8	10.701	136	228362	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.538	164	172269	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.282	188	422846	20.000	ng/ul	0.00
79) Chrysene-d12	21.530	240	367370	20.000	ng/ul	0.00
88) Perylene-d12	24.667	264	448361	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.339	96	10387	7.820	ng/uL	0.00
4) Pyridine-d5	3.751	84	76984	19.092	ng/ul	0.00
7) Phenol-d5	7.064	99	86493	18.210	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.223	67	54668	19.099	ng/ul	0.00
11) 2-Chlorophenol-d4	7.429	132	61573	18.796	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	67679	18.884	ng/ul	0.00
21) Nitrobenzene-d5	9.062	128	32873	17.662	ng/ul	0.00
24) 2-Nitrophenol-d4	9.779	143	36161	18.486	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.325	165	69088	18.411	ng/ul	0.00
31) 4-Chloroaniline-d4	10.837	131	106108	18.650	ng/ul	0.00
46) Dimethylphthalate-d6	13.939	166	249818	18.379	ng/ul	0.00
49) Acenaphthylene-d8	14.233	160	264734	17.848	ng/ul	0.00
54) 4-Nitrophenol-d4	14.738	143	37668	15.686	ng/ul	0.00
60) Fluorene-d10	15.525	176	209036	18.109	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	39257	17.098	ng/ul	0.00
73) Anthracene-d10	17.382	188	349259	17.800	ng/ul	0.00
81) Pyrene-d10	19.667	212	410275	17.732	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.450	264	394637	17.276	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	11694	7.127	ng/uL	100
5) Pyridine	3.768	79	80834	19.565	ng/ul	100
6) Benzaldehyde	7.035	77	26432	16.664	ng/ul	100
8) Phenol	7.088	94	91898	19.066	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.317	93	71949	19.333	ng/ul	100
12) 2-Chlorophenol	7.464	128	64835	19.019	ng/ul	100
13) 2-Methylphenol	8.339	108	71563	18.905	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.428	45	116874	20.401	ng/ul	100
16) Acetophenone	8.721	105	120170	20.210	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.704	70	64925	20.425	ng/ul	100
18) 4-Methylphenol	8.668	108	78236	19.114	ng/ul	100
19) Hexachloroethane	8.980	117	25031	19.154	ng/ul	100
22) Nitrobenzene	9.103	77	88848	18.388	ng/ul	100
23) Isophorone	9.620	82	197318	19.138	ng/ul	100
25) 2-Nitrophenol	9.814	139	38835	18.501	ng/ul	100
26) 2,4-Dimethylphenol	9.873	107	85997	18.220	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.108	93	102991	17.727	ng/ul	100
29) 2,4-Dichlorophenol	10.349	162	66987	18.360	ng/ul	100
30) Naphthalene	10.754	128	231942	18.073	ng/ul	100
32) 4-Chloroaniline	10.860	127	110866	19.057	ng/ul	100
33) Hexachlorobutadiene	11.030	225	45744	17.709	ng/ul	100
34) Caprolactam	11.636	113	28185	19.214	ng/ul	100
35) 4-Chloro-3-methylphenol	11.988	107	84183	18.783	ng/ul	100
36) 2-Methylnaphthalene	12.358	142	160124	18.509	ng/ul	100

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37) 1-Methylnaphthalene	12.582	142	161392	18.604	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.728	216	93052	17.725	ng/ul	100
40) Hexachlorocyclopentadiene	12.705	237	46049	13.926	ng/ul	100
41) 2,4,6-Trichlorophenol	12.969	196	64205	18.045	ng/ul	100
42) 2,4,5-Trichlorophenol	13.046	196	67271	17.482	ng/ul	100
43) 1,1'-Biphenyl	13.369	154	218577	17.607	ng/ul	100
44) 2-Chloronaphthalene	13.416	162	174464	17.510	ng/ul	100
45) 2-Nitroaniline	13.616	65	60877	17.574	ng/ul	100
47) Dimethylphthalate	13.986	163	251924	18.448	ng/ul	100
48) 2,6-Dinitrotoluene	14.109	165	49496	17.658	ng/ul	100
50) Acenaphthylene	14.262	152	286586	17.893	ng/ul	100
51) 3-Nitroaniline	14.444	138	35558	15.011	ng/ul	100
52) Acenaphthene	14.603	153	195636	17.800	ng/ul	100
53) 2,4-Dinitrophenol	14.650	184	23597	16.148	ng/ul	100
55) 4-Nitrophenol	14.755	109	29423	16.539	ng/ul	100
56) Dibenzofuran	14.938	168	281144	17.995	ng/ul	100
57) 2,4-Dinitrotoluene	14.902	165	72766	18.322	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.161	232	63166	18.032	ng/ul	100
59) Diethylphthalate	15.349	149	260387	18.269	ng/ul	100
61) Fluorene	15.584	166	231189	18.034	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.572	204	121977	17.983	ng/ul	100
63) 4-Nitroaniline	15.607	138	31831m	15.000	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.666	198	41481	17.666	ng/ul	100
67) N-Nitrosodiphenylamine	15.790	169	200238	17.794	ng/ul	100
68) 4-Bromophenyl-phenylether	16.465	248	83292	17.945	ng/ul	100
69) Hexachlorobenzene	16.589	284	96095	18.492	ng/ul	100
70) Atrazine	16.735	200	81163	17.637	ng/ul	100
71) Pentachlorophenol	16.929	266	52306m	16.766	ng/ul	
72) Phenanthrene	17.323	178	383186	17.815	ng/ul	100
74) Anthracene	17.417	178	385317	17.703	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.334	216	98097	17.493	ng/uL	100
76) Pentachlorobenzene	14.855	250	109162	18.226	ng/uL	100
77) Carbazole	17.681	167	355923	18.081	ng/ul	100
78) Di-n-butylphthalate	18.240	149	433637	17.293	ng/ul	100
80) Fluoranthene	19.332	202	470855	17.563	ng/ul	100
82) Pyrene	19.697	202	475756	17.629	ng/ul	100
83) Butylbenzylphthalate	20.578	149	185636	16.963	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.430	252	159087	17.888	ng/ul	100
85) Benzo(a)anthracene	21.512	228	461981	17.514	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.412	149	263812	16.822	ng/ul	100
87) Chrysene	21.577	228	440134	17.800	ng/ul	100
89) Di-n-octyl phthalate	22.587	149	456967	16.588	ng/ul	100
90) Benzo(b)fluoranthene	23.669	252	463518	16.696	ng/ul	100
91) Benzo(k)fluoranthene	23.733	252	467313	17.174	ng/ul	100
93) Benzo(a)pyrene	24.520	252	421719	17.163	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.228	276	548309	16.804	ng/ul	100
95) Dibenzo(a,h)anthracene	28.293	278	456527	16.967	ng/ul	100
96) Benzo(g,h,i)perylene	29.350	276	443670	16.647	ng/ul	100

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

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