Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030123\
Data File : BG056778.D
Acq On : 2 Mar 2023 1:23
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 02 02:36:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 02 00:12:28 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020599

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.420	152	17166	20.000	ng/ul	0.00
20) Naphthalene-d8	11.258	136	74076	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	15.024	164	60003	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.756	188	149501	20.000	ng/ul	0.00
79) Chrysene-d12	22.063	240	138762	20.000	ng/ul	0.00
88) Perylene-d12	25.582	264	151245	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.696	96	3410	11.019	ng/uL	0.00
4) Pyridine-d5	4.137	84	28466	22.790	ng/ul	0.00
7) Phenol-d5	7.539	99	35394	20.604	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.721	67	22120	21.110	ng/ul	0.00
11) 2-Chlorophenol-d4	7.938	132	24251	21.259	ng/ul	0.00
15) 4-Methylphenol-d8	9.108	113	27839	21.210	ng/ul	0.00
21) Nitrobenzene-d5	9.589	128	12969	20.891	ng/ul	0.00
24) 2-Nitrophenol-d4	10.324	143	16228	21.961	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.858	165	30686	22.043	ng/ul	0.00
31) 4-Chloroaniline-d4	11.375	131	39090	21.529	ng/ul	0.00
46) Dimethylphthalate-d6	14.407	166	100944	20.851	ng/ul	0.00
49) Acenaphthylene-d8	14.719	160	117996	21.445	ng/ul	0.00
54) 4-Nitrophenol-d4	15.177	143	16700	20.008	ng/ul	0.00
60) Fluorene-d10	16.005	176	94800	21.169	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.105	200	20485	20.481	ng/ul	0.00
73) Anthracene-d10	17.850	188	153712	21.193	ng/ul	0.00
81) Pyrene-d10	20.112	212	184899	19.692	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.341	264	176045	21.565	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.737	88	3852m	10.096	ng/uL	
5) Pyridine	4.160	79	30491	23.050	ng/ul	89
6) Benzaldehyde	7.539	77	22741	25.269	ng/ul	96
8) Phenol	7.568	94	36521	20.843	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.815	93	26951	21.648	ng/ul	97
12) 2-Chlorophenol	7.974	128	24043	21.283	ng/ul	95
13) 2-Methylphenol	8.843	108	26885	20.342	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.937	45	34973	20.906	ng/ul	95
16) Acetophenone	9.243	105	46927	20.878	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.219	70	27441	21.278	ng/ul	95
18) 4-Methylphenol	9.172	108	29440	20.500	ng/ul	93
19) Hexachloroethane	9.519	117	10217	21.268	ng/ul	91
22) Nitrobenzene	9.636	77	39337	21.852	ng/ul	96
23) Isophorone	10.159	82	74009	21.029	ng/ul	98
25) 2-Nitrophenol	10.353	139	15372	21.074	ng/ul#	93
26) 2,4-Dimethylphenol	10.388	107	35916	22.048	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.629	93	38369	21.569	ng/ul	99
29) 2,4-Dichlorophenol	10.888	162	29565	21.931	ng/ul	96
30) Naphthalene	11.305	128	86806	21.289	ng/ul	98
32) 4-Chloroaniline	11.399	127	39128	21.754	ng/ul	98
33) Hexachlorobutadiene	11.581	225	24577	22.875	ng/ul	92
34) Caprolactam	12.145	113	9576m	20.895	ng/ul	
35) 4-Chloro-3-methylphenol	12.480	107	33384	21.556	ng/ul	96
36) 2-Methylnaphthalene	12.880	142	63905	21.884	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.097	142	64109	22.267	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.238	216	46930	22.060	ng/ul	98
40) Hexachlorocyclopentadiene	13.214	237	30198	19.810	ng/ul	95
41) 2,4,6-Trichlorophenol	13.461	196	29973	21.086	ng/ul#	95
42) 2,4,5-Trichlorophenol	13.538	196	33827	21.916	ng/ul	94
43) 1,1'-Biphenyl	13.861	154	93398	21.168	ng/ul	99
44) 2-Chloronaphthalene	13.914	162	78265	21.439	ng/ul	96
45) 2-Nitroaniline	14.102	65	27600	21.781	ng/ul	96
47) Dimethylphthalate	14.454	163	101945	20.707	ng/ul	99
48) 2,6-Dinitrotoluene	14.583	165	21070	20.877	ng/ul	92
50) Acenaphthylene	14.748	152	117917	21.214	ng/ul	100
51) 3-Nitroaniline	14.907	138	19730	21.844	ng/ul#	97
52) Acenaphthene	15.083	153	80945	21.198	ng/ul	96
53) 2,4-Dinitrophenol	15.112	184	12582	19.461	ng/ul#	88
55) 4-Nitrophenol	15.195	109	20257	20.967	ng/ul	96
56) Dibenzofuran	15.418	168	124061	21.403	ng/ul	97
57) 2,4-Dinitrotoluene	15.359	165	30645	21.180	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.629	232	30701	21.374	ng/ul	98
59) Diethylphthalate	15.800	149	101147	20.525	ng/ul	98
61) Fluorene	16.058	166	97765	21.064	ng/ul	98
62) 4-Chlorophenyl-phenyle...	16.041	204	59128	21.507	ng/ul	97
63) 4-Nitroaniline	16.064	138	19014	21.545	ng/ul	90
66) 4,6-Dinitro-2-methylph...	16.117	198	19662	20.419	ng/ul#	96
67) N-Nitrosodiphenylamine	16.252	169	87519	21.052	ng/ul	97
68) 4-Bromophenyl-phenylether	16.934	248	40183	21.209	ng/ul	98
69) Hexachlorobenzene	17.063	284	44167	21.699	ng/ul	95
70) Atrazine	17.180	200	37496	20.767	ng/ul	96
71) Pentachlorophenol	17.398	266	21257	18.392	ng/ul	99
72) Phenanthrene	17.797	178	170877	21.101	ng/ul	100
74) Anthracene	17.891	178	172817	21.117	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.837	216	49955	21.842	ng/uL	98
76) Pentachlorobenzene	15.336	250	50654	21.837	ng/uL	93
77) Carbazole	18.150	167	144692	21.131	ng/ul	100
78) Di-n-butylphthalate	18.673	149	166190	21.058	ng/ul	99
80) Fluoranthene	19.777	202	217443	19.152	ng/ul	99
82) Pyrene	20.142	202	216887	19.391	ng/ul	99
83) Butylbenzylphthalate	20.999	149	73150	20.616	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.940	252	79244	22.777	ng/ul	98
85) Benzo(a)anthracene	22.039	228	217448	21.531	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.904	149	106660	21.398	ng/ul	100
87) Chrysene	22.110	228	200995	21.368	ng/ul	98
89) Di-n-octyl phthalate	23.215	149	181487	22.072	ng/ul	100
90) Benzo(b)fluoranthene	24.454	252	220962m	21.823	ng/ul	
91) Benzo(k)fluoranthene	24.531	252	215287	21.830	ng/ul	99
93) Benzo(a)pyrene	25.418	252	189666	21.311	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.642	276	257832	21.326	ng/ul#	97
95) Dibenzo(a,h)anthracene	29.719	278	214888	21.257	ng/ul	91
96) Benzo(g,h,i)perylene	30.911	276	207856m	21.523	ng/ul	

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

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