Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022723\
Data File : BG056725.D
Acq On : 27 Feb 2023 10:40
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 27 23:58:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 23 15:40:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020593

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.423	152	16240	20.000	ng/ul	0.00
20) Naphthalene-d8	11.261	136	69601	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.021	164	55614	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.759	188	137801	20.000	ng/ul	0.00
79) Chrysene-d12	22.066	240	127144	20.000	ng/ul	0.00
88) Perylene-d12	25.597	264	133625	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.699	96	2775	9.479	ng/uL	0.00
4) Pyridine-d5	4.140	84	25093	21.235	ng/ul	0.00
7) Phenol-d5	7.542	99	29065	17.885	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.724	67	19442	19.613	ng/ul	0.00
11) 2-Chlorophenol-d4	7.941	132	19754	18.304	ng/ul	0.00
15) 4-Methylphenol-d8	9.111	113	22352	18.000	ng/ul	0.00
21) Nitrobenzene-d5	9.592	128	11542	19.788	ng/ul	0.00
24) 2-Nitrophenol-d4	10.321	143	11968	17.237	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.862	165	24908	19.043	ng/ul	0.00
31) 4-Chloroaniline-d4	11.379	131	34138	20.010	ng/ul	0.00
46) Dimethylphthalate-d6	14.410	166	87368	19.471	ng/ul	0.00
49) Acenaphthylene-d8	14.722	160	104366	20.465	ng/ul	0.00
54) 4-Nitrophenol-d4	15.180	143	13260	17.140	ng/ul	0.00
60) Fluorene-d10	16.008	176	87257	21.022	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.108	200	15251	16.542	ng/ul	0.00
73) Anthracene-d10	17.853	188	137798	20.612	ng/ul	0.00
81) Pyrene-d10	20.115	212	164677	19.141	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.350	264	150510	20.868	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.735	88	3389	9.389	ng/uL#	93
5) Pyridine	4.158	79	26834	21.442	ng/ul	95
6) Benzaldehyde	7.542	77	20567	24.157	ng/ul	92
8) Phenol	7.571	94	30647	18.488	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.818	93	24098	20.460	ng/ul	98
12) 2-Chlorophenol	7.977	128	20647	19.319	ng/ul	96
13) 2-Methylphenol	8.840	108	22910	18.323	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.934	45	32799	20.724	ng/ul	96
16) Acetophenone	9.246	105	42956	20.201	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.222	70	24226	19.856	ng/ul	94
18) 4-Methylphenol	9.169	108	25976	19.120	ng/ul	94
19) Hexachloroethane	9.528	117	8889	19.559	ng/ul	91
22) Nitrobenzene	9.634	77	34951	20.664	ng/ul	98
23) Isophorone	10.157	82	68358	20.672	ng/ul#	96
25) 2-Nitrophenol	10.356	139	12058	17.594	ng/ul	99
26) 2,4-Dimethylphenol	10.392	107	29015	18.956	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.632	93	34732	20.780	ng/ul	99
29) 2,4-Dichlorophenol	10.891	162	24473	19.321	ng/ul	94
30) Naphthalene	11.308	128	77631	20.263	ng/ul	98
32) 4-Chloroaniline	11.402	127	35121	20.782	ng/ul	99
33) Hexachlorobutadiene	11.584	225	20788	20.592	ng/ul	91
34) Caprolactam	12.142	113	8011m	18.604	ng/ul	
35) 4-Chloro-3-methylphenol	12.489	107	27916	19.184	ng/ul	94
36) 2-Methylnaphthalene	12.883	142	56588	20.625	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.100	142	56949	21.052	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.241	216	40636	20.609	ng/ul	99
40) Hexachlorocyclopentadiene	13.218	237	22714	16.077	ng/ul	99
41) 2,4,6-Trichlorophenol	13.464	196	23903	18.143	ng/ul#	90
42) 2,4,5-Trichlorophenol	13.535	196	27049	18.908	ng/ul	100
43) 1,1'-Biphenyl	13.864	154	83902	20.516	ng/ul	99
44) 2-Chloronaphthalene	13.911	162	68876	20.356	ng/ul	96
45) 2-Nitroaniline	14.099	65	20126	17.136	ng/ul	96
47) Dimethylphthalate	14.457	163	88679	19.434	ng/ul#	96
48) 2,6-Dinitrotoluene	14.581	165	18213	19.471	ng/ul	92
50) Acenaphthylene	14.751	152	104693	20.321	ng/ul	99
51) 3-Nitroaniline	14.910	138	17290	20.653	ng/ul#	92
52) Acenaphthene	15.086	153	72730	20.550	ng/ul	96
53) 2,4-Dinitrophenol	15.110	184	9184	15.326	ng/ul#	85
55) 4-Nitrophenol	15.192	109	14142	15.793	ng/ul	94
56) Dibenzofuran	15.415	168	108468	20.189	ng/ul	95
57) 2,4-Dinitrotoluene	15.362	165	24986	18.632	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.632	232	23898	17.951	ng/ul#	97
59) Diethylphthalate	15.803	149	86670	18.975	ng/ul	98
61) Fluorene	16.061	166	88529	20.579	ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.044	204	51296	20.131	ng/ul	97
63) 4-Nitroaniline	16.067	138	17254	21.094	ng/ul	92
66) 4,6-Dinitro-2-methylph...	16.120	198	15220	17.148	ng/ul#	86
67) N-Nitrosodiphenylamine	16.249	169	78999	20.616	ng/ul	96
68) 4-Bromophenyl-phenylether	16.937	248	35870	20.540	ng/ul	98
69) Hexachlorobenzene	17.060	284	38349	20.440	ng/ul	97
70) Atrazine	17.184	200	31328	18.824	ng/ul	98
71) Pentachlorophenol	17.401	266	18102	16.992	ng/ul	92
72) Phenanthrene	17.800	178	156130	20.917	ng/ul	99
74) Anthracene	17.889	178	155357	20.595	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.835	216	43524	20.646	ng/uL	98
76) Pentachlorobenzene	15.339	250	43733	20.454	ng/uL	94
77) Carbazole	18.153	167	132936	21.062	ng/ul	98
78) Di-n-butylphthalate	18.682	149	138137	18.990	ng/ul	99
80) Fluoranthene	19.781	202	196659	18.904	ng/ul	99
82) Pyrene	20.145	202	195689	19.094	ng/ul	99
83) Butylbenzylphthalate	21.003	149	55337	17.020	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.943	252	65482	20.542	ng/ul	100
85) Benzo(a)anthracene	22.048	228	185721	20.070	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.913	149	80886	17.710	ng/ul	99
87) Chrysene	22.119	228	173198	20.096	ng/ul	99
89) Di-n-octyl phthalate	23.224	149	135277	18.621	ng/ul	100
90) Benzo(b)fluoranthene	24.463	252	187549	20.966	ng/ul	98
91) Benzo(k)fluoranthene	24.540	252	178547	20.492	ng/ul	99
93) Benzo(a)pyrene	25.433	252	159247	20.252	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	29.657	276	218617	20.467	ng/ul#	96
95) Dibenzo(a,h)anthracene	29.734	278	177455	19.869	ng/ul	95
96) Benzo(g,h,i)perylene	30.944	276	174801	20.487	ng/ul	94

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

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