Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022222\
Data File : BG052450.D
Acq On : 22 Feb 2022 14:44
Operator : CG/JU
Sample : SSTD02009
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 22 15:25:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 22 15:23:39 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020409

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/23/2022
Supervised By :Yogesh Patel 02/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	25910	20.000	ng/ul	0.00
20) Naphthalene-d8	11.061	136	109230	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.867	164	78892	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.616	188	200265	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.934	240	197389	20.000	ng/ul	# 0.00
88) Perylene-d12	25.394	264	199452	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.541	96	5402	8.411	ng/uL	0.00
4) Pyridine-d5	3.976	84	39568	19.808	ng/ul	0.00
7) Phenol-d5	7.366	99	49863	21.157	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.530	67	30859	21.553	ng/ul	0.00
11) 2-Chlorophenol-d4	7.747	132	36275	22.088	ng/ul	0.00
15) 4-Methylphenol-d8	8.934	113	39352	22.003	ng/ul	0.00
21) Nitrobenzene-d5	9.398	128	20129	22.632	ng/ul	0.00
24) 2-Nitrophenol-d4	10.127	143	22117	22.757	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.673	165	41471	21.889	ng/ul	0.00
31) 4-Chloroaniline-d4	11.190	131	59789	24.878	ng/ul	0.00
46) Dimethylphthalate-d6	14.256	166	142754	23.021	ng/ul	0.00
49) Acenaphthylene-d8	14.562	160	172802	22.357	ng/ul	0.00
54) 4-Nitrophenol-d4	15.055	143	21760	23.169	ng/ul	0.00
60) Fluorene-d10	15.854	176	123911	22.808	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.972	200	26178	21.173	ng/ul	0.00
73) Anthracene-d10	17.716	188	208167	22.049	ng/ul	0.00
81) Pyrene-d10	19.996	212	254628	21.524	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.159	264	232871	21.977	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.582	88	6023	8.414	ng/uL	95
5) Pyridine	3.994	79	40532	19.375	ng/ul	99
6) Benzaldehyde	7.342	77	31179m	23.335	ng/ul	
8) Phenol	7.395	94	51223	21.687	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.624	93	39492	22.126	ng/ul	94
12) 2-Chlorophenol	7.783	128	37771	22.280	ng/ul	96
13) 2-Methylphenol	8.664	108	39160	22.031	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.752	45	54398	21.339	ng/ul	96
16) Acetophenone	9.046	105	63236	22.800	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.028	70	38140	22.925	ng/ul	99
18) 4-Methylphenol	8.999	108	42149	22.507	ng/ul	88
19) Hexachloroethane	9.328	117	15244	20.879	ng/ul	86
22) Nitrobenzene	9.439	77	51769	20.869	ng/ul	94
23) Isophorone	9.962	82	102262	22.278	ng/ul	96
25) 2-Nitrophenol	10.162	139	23961	22.552	ng/ul	92
26) 2,4-Dimethylphenol	10.215	107	48995	22.365	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.444	93	55506	22.547	ng/ul	97
29) 2,4-Dichlorophenol	10.702	162	39528	21.582	ng/ul	96
30) Naphthalene	11.113	128	132198	22.134	ng/ul	95
32) 4-Chloroaniline	11.213	127	61869	24.969	ng/ul	99
33) Hexachlorobutadiene	11.395	225	30278	20.266	ng/ul	97
34) Caprolactam	11.959	113	14511m	24.429	ng/ul	
35) 4-Chloro-3-methylphenol	12.329	107	45763	23.166	ng/ul	87
36) 2-Methylnaphthalene	12.705	142	95614	22.814	ng/ul	96

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.923	142	97570	22.629	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	13.070	216	60776	21.402	ng/ul	96
40)	Hexachlorocyclopentadiene	13.052	237	24859	15.334	ng/ul	99
41)	2,4,6-Trichlorophenol	13.310	196	37436	22.079	ng/ul	98
42)	2,4,5-Trichlorophenol	13.387	196	38680	21.181	ng/ul	97
43)	1,1'-Biphenyl	13.698	154	137663	22.258	ng/ul#	94
44)	2-Chloronaphthalene	13.745	162	104372	22.056	ng/ul	97
45)	2-Nitroaniline	13.945	65	34613	21.723	ng/ul	92
47)	Dimethylphthalate	14.303	163	141657	23.568	ng/ul	99
48)	2,6-Dinitrotoluene	14.432	165	30304	23.370	ng/ul#	85
50)	Acenaphthylene	14.591	152	173991	22.458	ng/ul	97
51)	3-Nitroaniline	14.761	138	20672	18.629	ng/ul	93
52)	Acenaphthene	14.932	153	112842	22.218	ng/ul	96
53)	2,4-Dinitrophenol	14.973	184	12175	18.081	ng/ul#	82
55)	4-Nitrophenol	15.073	109	21369	21.707	ng/ul	89
56)	Dibenzofuran	15.261	168	165735	22.538	ng/ul	100
57)	2,4-Dinitrotoluene	15.214	165	45145	24.287	ng/ul	87
58)	2,3,4,6-Tetrachlorophenol	15.496	232	35656	22.305	ng/ul	90
59)	Diethylphthalate	15.660	149	140952	23.127	ng/ul	95
61)	Fluorene	15.913	166	137702	22.566	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.895	204	75459	22.485	ng/ul	93
63)	4-Nitroaniline	15.919	138	16998	15.787	ng/ul	94
66)	4,6-Dinitro-2-methylph...	15.989	198	25355	21.533	ng/ul#	90
67)	N-Nitrosodiphenylamine	16.107	169	121775	22.180	ng/ul	94
68)	4-Bromophenyl-phenylether	16.794	248	52147	21.570	ng/ul#	88
69)	Hexachlorobenzene	16.923	284	59562	21.922	ng/ul#	87
70)	Atrazine	17.047	200	53445	22.065	ng/ul	97
71)	Pentachlorophenol	17.270	266	23505	18.043	ng/ul	97
72)	Phenanthrene	17.657	178	232253	22.014	ng/ul	98
74)	Anthracene	17.752	178	234146	22.486	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.675	216	67357	20.146	ng/uL	99
76)	Pentachlorobenzene	15.190	250	64074	20.774	ng/uL	95
77)	Carbazole	18.016	167	211446	23.298	ng/ul	98
78)	Di-n-butylphthalate	18.556	149	247776	22.762	ng/ul	99
80)	Fluoranthene	19.661	202	303222	21.766	ng/ul#	92
82)	Pyrene	20.025	202	297512	21.815	ng/ul#	90
83)	Butylbenzylphthalate	20.888	149	104990	22.006	ng/ul	93
84)	3,3'-Dichlorobenzidine	21.811	252	86724	20.518	ng/ul#	98
85)	Benzo(a)anthracene	21.911	228	289203	21.784	ng/ul	97
86)	Bis(2-ethylhexyl)phtha...	21.787	149	148093	21.655	ng/ul#	99
87)	Chrysene	21.981	228	281140	22.412	ng/ul	97
89)	Di-n-octyl phthalate	23.080	149	246522	21.786	ng/ul	100
90)	Benzo(b)fluoranthene	24.284	252	299801	21.676	ng/ul#	96
91)	Benzo(k)fluoranthene	24.360	252	277684	21.944	ng/ul#	96
93)	Benzo(a)pyrene	25.235	252	283704	21.994	ng/ul#	95
94)	Indeno(1,2,3-cd)pyrene	29.389	276	322021	22.411	ng/ul#	93
95)	Dibenzo(a,h)anthracene	29.459	278	275590	23.131	ng/ul#	93
96)	Benzo(g,h,i)perylene	30.640	276	271571m	22.203	ng/ul	

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

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