Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010923\
Data File : BG056227.D
Acq On : 9 Jan 2023 9:18
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 09 09:56:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010423.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 01:03:13 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020587

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.331	152	49348	20.000	ng/ul	0.00
20) Naphthalene-d8	11.163	136	203208	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.941	164	164628	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.679	188	415276	20.000	ng/ul	0.00
79) Chrysene-d12	21.980	240	394419	20.000	ng/ul	0.00
88) Perylene-d12	25.435	264	437675	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.631	96	9264	8.503	ng/uL	0.00
4) Pyridine-d5	4.066	84	73134	21.012	ng/ul	0.00
7) Phenol-d5	7.462	99	84370	19.379	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.638	67	37257	20.870	ng/ul	0.00
11) 2-Chlorophenol-d4	7.855	132	57268	19.659	ng/ul	0.00
15) 4-Methylphenol-d8	9.025	113	65784	18.963	ng/ul	0.00
21) Nitrobenzene-d5	9.501	128	29955	18.667	ng/ul	0.00
24) 2-Nitrophenol-d4	10.229	143	38031	18.123	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.770	165	76326	18.246	ng/ul	0.00
31) 4-Chloroaniline-d4	11.287	131	89095	18.926	ng/ul	0.00
46) Dimethylphthalate-d6	14.330	166	240134	18.383	ng/ul	0.00
49) Acenaphthylene-d8	14.642	160	269998	18.816	ng/ul	0.00
54) 4-Nitrophenol-d4	15.106	143	36951	17.919	ng/ul	0.00
60) Fluorene-d10	15.928	176	229137	18.780	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.028	200	47047	16.124	ng/ul	0.00
73) Anthracene-d10	17.779	188	358123	18.763	ng/ul	0.00
81) Pyrene-d10	20.041	212	439507	19.046	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.194	264	413571	18.426	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.672	88	9835m	8.097	ng/uL	
5) Pyridine	4.083	79	68620	20.140	ng/ul	97
6) Benzaldehyde	7.456	77	32378	21.199	ng/ul	97
8) Phenol	7.485	94	85648	19.921	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.732	93	60851	20.442	ng/ul	98
12) 2-Chlorophenol	7.891	128	57589	20.106	ng/ul	98
13) 2-Methylphenol	8.760	108	64694	19.586	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.848	45	11331	20.944	ng/ul#	79
16) Acetophenone	9.154	105	102389	19.184	ng/ul	93
17) N-Nitroso-di-n-propyla...	9.130	70	46667	19.738	ng/ul	93
18) 4-Methylphenol	9.089	108	69209	19.292	ng/ul	98
19) Hexachloroethane	9.430	117	23433	21.019	ng/ul	91
22) Nitrobenzene	9.548	77	71591	19.647	ng/ul	97
23) Isophorone	10.065	82	142446	18.545	ng/ul	98
25) 2-Nitrophenol	10.264	139	36288	17.920	ng/ul	98
26) 2,4-Dimethylphenol	10.305	107	78485	18.924	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.546	93	82921	19.273	ng/ul	93
29) 2,4-Dichlorophenol	10.799	162	72881	18.479	ng/ul	98
30) Naphthalene	11.216	128	199308	18.739	ng/ul	99
32) 4-Chloroaniline	11.310	127	89078	18.522	ng/ul	99
33) Hexachlorobutadiene	11.492	225	65449	19.345	ng/ul	99
34) Caprolactam	12.056	113	22515	18.190	ng/ul#	91
35) 4-Chloro-3-methylphenol	12.403	107	69690	18.011	ng/ul	92
36) 2-Methylnaphthalene	12.797	142	151414	18.637	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	13.008	142	154312	18.470	ng/ul	94
39)	1,2,4,5-Tetrachloroben...	13.155	216	122470	19.217	ng/ul	99
40)	Hexachlorocyclopentadiene	13.132	237	71062	16.403	ng/ul	92
41)	2,4,6-Trichlorophenol	13.384	196	73732	18.222	ng/ul	99
42)	2,4,5-Trichlorophenol	13.455	196	79767	18.125	ng/ul	95
43)	1,1'-Biphenyl	13.778	154	224966	18.986	ng/ul	99
44)	2-Chloronaphthalene	13.831	162	184976	19.034	ng/ul	98
45)	2-Nitroaniline	14.019	65	33715	18.179	ng/ul	91
47)	Dimethylphthalate	14.377	163	235822	18.266	ng/ul	98
48)	2,6-Dinitrotoluene	14.506	165	49944	18.424	ng/ul	97
50)	Acenaphthylene	14.671	152	273523	18.819	ng/ul	98
51)	3-Nitroaniline	14.835	138	36884	17.967	ng/ul	94
52)	Acenaphthene	15.006	153	190297	18.921	ng/ul	96
53)	2,4-Dinitrophenol	15.035	184	26141	13.485	ng/ul#	85
55)	4-Nitrophenol	15.123	109	31405	16.281	ng/ul	97
56)	Dibenzofuran	15.335	168	292435	18.809	ng/ul	97
57)	2,4-Dinitrotoluene	15.288	165	67852	17.566	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	15.558	232	74184	17.410	ng/ul	96
59)	Diethylphthalate	15.729	149	217017	18.079	ng/ul	97
61)	Fluorene	15.981	166	233318	18.634	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.964	204	145011	18.521	ng/ul	95
63)	4-Nitroaniline	15.987	138	32282	17.188	ng/ul	93
66)	4,6-Dinitro-2-methylph...	16.046	198	45233	16.242	ng/ul	97
67)	N-Nitrosodiphenylamine	16.175	169	206508	18.635	ng/ul	98
68)	4-Bromophenyl-phenylether	16.857	248	96791	18.170	ng/ul	93
69)	Hexachlorobenzene	16.986	284	98338	18.644	ng/ul	97
70)	Atrazine	17.109	200	92974	18.406	ng/ul	98
71)	Pentachlorophenol	17.321	266	51024	15.167	ng/ul	89
72)	Phenanthrene	17.720	178	403989	19.081	ng/ul	100
74)	Anthracene	17.814	178	404019	18.795	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.754	216	126163	20.157	ng/uL	99
76)	Pentachlorobenzene	15.258	250	121545	18.979	ng/uL	96
77)	Carbazole	18.073	167	337620	19.133	ng/ul	98
78)	Di-n-butylphthalate	18.608	149	347030	18.638	ng/ul	99
80)	Fluoranthene	19.712	202	512043	18.762	ng/ul	100
82)	Pyrene	20.070	202	510093	18.689	ng/ul	98
83)	Butylbenzylphthalate	20.928	149	147347	18.407	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.857	252	180886	19.396	ng/ul	98
85)	Benzo(a)anthracene	21.957	228	509680	18.740	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.821	149	214803	18.557	ng/ul	98
87)	Chrysene	22.027	228	477267	18.871	ng/ul	98
89)	Di-n-octyl phthalate	23.108	149	370687	18.447	ng/ul	100
90)	Benzo(b)fluoranthene	24.324	252	547241m	18.728	ng/ul	
91)	Benzo(k)fluoranthene	24.401	252	520324	18.198	ng/ul	98
93)	Benzo(a)pyrene	25.270	252	469739	18.361	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	29.407	276	601654	17.877	ng/ul	99
95)	Dibenzo(a,h)anthracene	29.483	278	507520m	18.044	ng/ul	
96)	Benzo(g,h,i)perylene	30.658	276	488629m	17.960	ng/ul	

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

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