Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
Data File : BG059573.D
Acq On : 1 Nov 2023 10:34
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 02 02:40:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020467

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.355	152	87177	20.000	ng/ul	0.00
20) Naphthalene-d8	11.205	136	439088	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.988	164	254197	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.738	188	547607	20.000	ng/ul	0.00
79) Chrysene-d12	22.074	240	436919	20.000	ng/ul	0.00
88) Perylene-d12	25.682	264	469773	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.655	96	17564	7.538	ng/uL	0.00
4) Pyridine-d5	4.089	84	122061	18.747	ng/ul	0.00
7) Phenol-d5	7.468	99	168204	18.776	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.673	67	74804	18.179	ng/ul	0.00
11) 2-Chlorophenol-d4	7.867	132	137561	18.928	ng/ul	0.00
15) 4-Methylphenol-d8	9.042	113	129069	18.160	ng/ul	0.00
21) Nitrobenzene-d5	9.554	128	64971	20.810	ng/ul	0.00
24) 2-Nitrophenol-d4	10.276	143	83251	25.975	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.799	165	144386	20.447	ng/ul	0.00
31) 4-Chloroaniline-d4	11.346	131	217440	18.705	ng/ul	0.00
46) Dimethylphthalate-d6	14.377	166	427215	18.551	ng/ul	-0.01
49) Acenaphthylene-d8	14.689	160	515766	19.084	ng/ul	0.00
54) 4-Nitrophenol-d4	15.147	143	83708	21.196	ng/ul	0.00
60) Fluorene-d10	15.976	176	373287	18.966	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.075	200	57812	22.293	ng/ul	0.00
73) Anthracene-d10	17.838	188	573601	19.334	ng/ul	0.00
81) Pyrene-d10	20.106	212	600063	19.759	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.435	264	524085m	18.945	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.696	88	18265	7.004	ng/uL#	94
5) Pyridine	4.113	79	133344	20.762	ng/ul#	80
6) Benzaldehyde	7.497	77	87864	21.775	ng/ul	98
8) Phenol	7.497	94	155809	18.449	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.773	93	119930	19.364	ng/ul	96
12) 2-Chlorophenol	7.903	128	136102	18.890	ng/ul	94
13) 2-Methylphenol	8.778	108	133193	18.918	ng/ul	86
14) 2,2'-oxybis(1-Chloropr...	8.860	45	95153	16.326	ng/ul#	91
16) Acetophenone	9.201	105	212791	18.994	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.160	70	90229	17.093	ng/ul#	94
18) 4-Methylphenol	9.107	108	141554	18.897	ng/ul#	76
19) Hexachloroethane	9.448	117	53709	18.769	ng/ul	93
22) Nitrobenzene	9.601	77	134804	20.004	ng/ul	98
23) Isophorone	10.106	82	311080	18.331	ng/ul#	90
25) 2-Nitrophenol	10.312	139	80310	23.299	ng/ul#	81
26) 2,4-Dimethylphenol	10.329	107	176706	19.490	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.588	93	178274	18.866	ng/ul	94
29) 2,4-Dichlorophenol	10.823	162	143256	20.969	ng/ul#	92
30) Naphthalene	11.258	128	514056	18.783	ng/ul#	94
32) 4-Chloroaniline	11.375	127	215589	19.525	ng/ul#	82
33) Hexachlorobutadiene	11.487	225	82563	20.145	ng/ul	90
34) Caprolactam	12.139	113	46541m	18.622	ng/ul	
35) 4-Chloro-3-methylphenol	12.433	107	168221	20.637	ng/ul	89
36) 2-Methylnaphthalene	12.832	142	373992	19.864	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.050	142	347824	18.547	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.179	216	147730	20.149	ng/ul	96
40) Hexachlorocyclopentadiene	13.132	237	83284	19.487	ng/ul	99
41) 2,4,6-Trichlorophenol	13.414	196	108524	21.377	ng/ul	95
42) 2,4,5-Trichlorophenol	13.478	196	113978	20.737	ng/ul	89
43) 1,1'-Biphenyl	13.825	154	438694	19.077	ng/ul	97
44) 2-Chloronaphthalene	13.878	162	340496	19.051	ng/ul	97
45) 2-Nitroaniline	14.089	65	88846	26.716	ng/ul	95
47) Dimethylphthalate	14.430	163	420190	18.468	ng/ul#	99
48) 2,6-Dinitrotoluene	14.565	165	81283	23.682	ng/ul#	77
50) Acenaphthylene	14.718	152	589614	18.935	ng/ul#	97
51) 3-Nitroaniline	14.906	138	95954	22.429	ng/ul#	78
52) Acenaphthene	15.053	153	371971	18.325	ng/ul	99
53) 2,4-Dinitrophenol	15.094	184	39377	20.191	ng/ul#	60
55) 4-Nitrophenol	15.165	109	96602	22.196	ng/ul	95
56) Dibenzofuran	15.382	168	496411	18.864	ng/ul	96
57) 2,4-Dinitrotoluene	15.341	165	117168	24.269	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.588	232	89502	20.748	ng/ul#	88
59) Diethylphthalate	15.776	149	451763	18.202	ng/ul	98
61) Fluorene	16.028	166	423174	18.627	ng/ul	97
62) 4-Chlorophenyl-phenyle...	16.017	204	195815	20.169	ng/ul	90
63) 4-Nitroaniline	16.064	138	102683	22.616	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	16.093	198	60218	22.033	ng/ul#	87
67) N-Nitrosodiphenylamine	16.228	169	353125	18.872	ng/ul	94
68) 4-Bromophenyl-phenylether	16.916	248	105130	19.185	ng/ul	91
69) Hexachlorobenzene	17.004	284	127872	20.191	ng/ul#	89
70) Atrazine	17.168	200	116030	20.012	ng/ul	96
71) Pentachlorophenol	17.356	266	77778	21.498	ng/ul	97
72) Phenanthrene	17.779	178	676104	18.992	ng/ul	97
74) Anthracene	17.873	178	693676	19.298	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.784	216	146309	20.063	ng/uL	91
76) Pentachlorobenzene	15.270	250	141691	20.476	ng/uL	98
77) Carbazole	18.144	167	617013	19.982	ng/ul	98
78) Di-n-butylphthalate	18.655	149	794395	18.724	ng/ul	99
80) Fluoranthene	19.771	202	716392	19.351	ng/ul#	98
82) Pyrene	20.135	202	727172	18.910	ng/ul	100
83) Butylbenzylphthalate	21.005	149	345439	19.891	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.963	252	236945	20.854	ng/ul	93
85) Benzo(a)anthracene	22.057	228	688380	19.145	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.892	149	507864	19.599	ng/ul	97
87) Chrysene	22.127	228	618882	18.503	ng/ul	95
89) Di-n-octyl phthalate	23.249	149	838937	20.397	ng/ul	100
90) Benzo(b)fluoranthene	24.507	252	625842	18.379	ng/ul	98
91) Benzo(k)fluoranthene	24.589	252	647863	19.047	ng/ul	96
93) Benzo(a)pyrene	25.511	252	587465	18.253	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	29.853	276	779951m	19.119	ng/ul	
95) Dibenzo(a,h)anthracene	29.965	278	625769	18.573	ng/ul	99
96) Benzo(g,h,i)perylene	31.181	276	638876m	19.135	ng/ul	

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

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