Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100923\
Data File : BG059401.D
Acq On : 9 Oct 2023 17:53
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 09 23:33:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020594

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.225	152	44347	20.000	ng/ul	0.00
20) Naphthalene-d8	11.069	136	220015	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.864	164	148186	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.608	188	329972	20.000	ng/ul	0.00
79) Chrysene-d12	21.915	240	302368	20.000	ng/ul	0.00
88) Perylene-d12	25.393	264	362622	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.524	96	10827	8.705	ng/uL	0.00
4) Pyridine-d5	3.959	84	80930	22.606	ng/ul	0.00
7) Phenol-d5	7.349	99	101361	20.700	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.549	67	60772	21.958	ng/ul	0.00
11) 2-Chlorophenol-d4	7.743	132	76586	22.363	ng/ul	0.00
15) 4-Methylphenol-d8	8.918	113	80119	21.000	ng/ul	0.00
21) Nitrobenzene-d5	9.423	128	41175	21.984	ng/ul	0.00
24) 2-Nitrophenol-d4	10.140	143	42623	21.026	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.675	165	82390	22.518	ng/ul	0.00
31) 4-Chloroaniline-d4	11.215	131	118036	20.309	ng/ul	0.00
46) Dimethylphthalate-d6	14.253	166	247560	20.392	ng/ul	0.00
49) Acenaphthylene-d8	14.564	160	306861	21.240	ng/ul	0.00
54) 4-Nitrophenol-d4	15.052	143	41862	18.401	ng/ul	0.00
60) Fluorene-d10	15.851	176	230220	19.867	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.963	200	42816	19.653	ng/ul	0.00
73) Anthracene-d10	17.708	188	348388	21.523	ng/ul	0.00
81) Pyrene-d10	19.982	212	389185	21.247	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.152	264	394180	20.657	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.566	88	10892	8.203	ng/uL	90
5) Pyridine	3.983	79	77111	21.333	ng/ul	93
6) Benzaldehyde	7.373	77	48194	23.727	ng/ul	94
8) Phenol	7.379	94	103813	21.440	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.643	93	79757	21.388	ng/ul	92
12) 2-Chlorophenol	7.778	128	77284	21.416	ng/ul	95
13) 2-Methylphenol	8.654	108	73572	20.334	ng/ul	84
14) 2,2'-oxybis(1-Chloropr...	8.730	45	169998m	21.788	ng/ul	
16) Acetophenone	9.071	105	120515	20.787	ng/ul	91
17) N-Nitroso-di-n-propyla...	9.030	70	59648	20.648	ng/ul#	91
18) 4-Methylphenol	8.989	108	84187	21.159	ng/ul	100
19) Hexachloroethane	9.306	117	30601	23.313	ng/ul	96
22) Nitrobenzene	9.470	77	90594	22.064	ng/ul#	92
23) Isophorone	9.976	82	184310	21.022	ng/ul	99
25) 2-Nitrophenol	10.175	139	46225	22.110	ng/ul	97
26) 2,4-Dimethylphenol	10.199	107	84235	20.424	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.457	93	113710	21.582	ng/ul	97
29) 2,4-Dichlorophenol	10.698	162	80498	21.848	ng/ul	93
30) Naphthalene	11.121	128	270188	21.233	ng/ul#	95
32) 4-Chloroaniline	11.239	127	113930	20.722	ng/ul	96
33) Hexachlorobutadiene	11.345	225	48960	22.009	ng/ul	97
34) Caprolactam	12.014	113	26615m	19.893	ng/ul	
35) 4-Chloro-3-methylphenol	12.320	107	81050	20.501	ng/ul#	89
36) 2-Methylnaphthalene	12.702	142	179817	21.197	ng/ul	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.919	142	187786	21.321	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.049	216	97588	22.109	ng/ul#	96
40) Hexachlorocyclopentadiene	13.002	237	53784	20.296	ng/ul	99
41) 2,4,6-Trichlorophenol	13.295	196	63779	21.295	ng/ul	92
42) 2,4,5-Trichlorophenol	13.366	196	70542	21.686	ng/ul	98
43) 1,1'-Biphenyl	13.695	154	259774	21.299	ng/ul	99
44) 2-Chloronaphthalene	13.754	162	195292	20.831	ng/ul	97
45) 2-Nitroaniline	13.971	65	63518	20.690	ng/ul	93
47) Dimethylphthalate	14.306	163	249437	20.444	ng/ul	99
48) 2,6-Dinitrotoluene	14.453	165	50988	20.714	ng/ul	95
50) Acenaphthylene	14.594	152	325920	20.987	ng/ul	98
51) 3-Nitroaniline	14.788	138	50032	20.757	ng/ul#	99
52) Acenaphthene	14.929	153	223383	21.259	ng/ul	95
53) 2,4-Dinitrophenol	14.987	184	27124	15.340	ng/ul	93
55) 4-Nitrophenol	15.070	109	31101	20.261	ng/ul	86
56) Dibenzofuran	15.258	168	294146	20.288	ng/ul	97
57) 2,4-Dinitrotoluene	15.228	165	70986	19.691	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.469	232	62335	19.971	ng/ul	94
59) Diethylphthalate	15.651	149	235547	19.410	ng/ul	100
61) Fluorene	15.904	166	248484	20.144	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.886	204	127280	20.881	ng/ul	97
63) 4-Nitroaniline	15.945	138	47959	22.101	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.980	198	47528	20.511	ng/ul#	92
67) N-Nitrosodiphenylamine	16.110	169	204850	21.938	ng/ul	97
68) 4-Bromophenyl-phenylether	16.785	248	77449	22.103	ng/ul	96
69) Hexachlorobenzene	16.879	284	87442	21.863	ng/ul	96
70) Atrazine	17.044	200	78682	21.252	ng/ul	96
71) Pentachlorophenol	17.238	266	46243	19.894	ng/ul	90
72) Phenanthrene	17.655	178	420561	21.520	ng/ul	98
74) Anthracene	17.749	178	437103	21.992	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.660	216	100736	23.498	ng/uL	94
76) Pentachlorobenzene	15.152	250	97899	22.065	ng/uL	97
77) Carbazole	18.025	167	366686	22.169	ng/ul	98
78) Di-n-butylphthalate	18.524	149	425394	21.738	ng/ul	98
80) Fluoranthene	19.647	202	479955	21.058	ng/ul	98
82) Pyrene	20.011	202	511111	21.577	ng/ul	100
83) Butylbenzylphthalate	20.863	149	182995	20.908	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.809	252	176660	23.420	ng/ul#	91
85) Benzo(a)anthracene	21.891	228	491528	21.285	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.721	149	275658	21.059	ng/ul	100
87) Chrysene	21.962	228	468846	21.615	ng/ul	97
89) Di-n-octyl phthalate	23.013	149	475234	20.770	ng/ul	100
90) Benzo(b)fluoranthene	24.265	252	503639	21.080	ng/ul	98
91) Benzo(k)fluoranthene	24.341	252	498793	20.561	ng/ul	94
93) Benzo(a)pyrene	25.228	252	471123	20.701	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.412	276	547423m	20.881	ng/ul	
95) Dibenzo(a,h)anthracene	29.494	278	445691	20.908	ng/ul	98
96) Benzo(g,h,i)perylene	30.698	276	438877	20.991	ng/ul	98

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

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