Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
Data File : BG051850.D
Acq On : 29 Dec 2021 4:56
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 57 Sample Multiplier: 1

Quant Time: Dec 29 06:33:48 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 23 13:37:07 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020465

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/29/2021
Supervised By :mohammad ahmed 12/31/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.272	152	37822	20.000	ng/ul	-0.02
20) Naphthalene-d8	11.109	136	157921	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.910	164	108195	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.653	188	247711	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.971	240	216840	20.000	ng/ul	#-0.02
88) Perylene-d12	25.466	264	176897	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.596	96	7229	7.938	ng/uL	0.00
4) Pyridine-d5	4.030	84	62955	22.879	ng/ul	-0.02
7) Phenol-d5	7.408	99	75782	22.441	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.573	67	45731	22.779	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.796	132	51675	22.002	ng/ul	-0.02
15) 4-Methylphenol-d8	8.971	113	57131	21.886	ng/ul	0.00
21) Nitrobenzene-d5	9.441	128	27318	23.595	ng/ul	-0.02
24) 2-Nitrophenol-d4	10.175	143	29077	22.973	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.721	165	59960	21.846	ng/ul	0.00
31) 4-Chloroaniline-d4	11.232	131	71337	19.740	ng/ul	0.00
46) Dimethylphthalate-d6	14.299	166	174070	20.101	ng/ul	-0.02
49) Acenaphthylene-d8	14.604	160	224007	20.828	ng/ul	0.00
54) 4-Nitrophenol-d4	15.080	143	21792	15.474	ng/ul	0.00
60) Fluorene-d10	15.891	176	158813	20.469	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	16.002	200	24457	18.950	ng/ul	0.00
73) Anthracene-d10	17.753	188	244665	20.705	ng/ul	0.00
81) Pyrene-d10	20.026	212	288028	22.070	ng/ul	-0.02
92) Benzo(a)pyrene-d12	25.225	264	206051	22.138	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.637	88	8471	8.912	ng/uL#	87
5) Pyridine	4.048	79	61855	22.407	ng/ul	94
6) Benzaldehyde	7.390	77	56118m	26.635	ng/ul	
8) Phenol	7.437	94	77684	23.135	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.672	93	55386	21.620	ng/ul	98
12) 2-Chlorophenol	7.831	128	52980	21.990	ng/ul	95
13) 2-Methylphenol	8.706	108	56585	22.334	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.794	45	82392	23.711	ng/ul	99
16) Acetophenone	9.094	105	88481	21.579	ng/ul	93
17) N-Nitroso-di-n-propyla...	9.076	70	52501	21.339	ng/ul#	92
18) 4-Methylphenol	9.035	108	59345	22.224	ng/ul	90
19) Hexachloroethane	9.376	117	21644	20.589	ng/ul#	78
22) Nitrobenzene	9.482	77	80236	23.826	ng/ul#	96
23) Isophorone	10.010	82	140772	20.822	ng/ul	99
25) 2-Nitrophenol	10.204	139	31910	23.586	ng/ul	92
26) 2,4-Dimethylphenol	10.257	107	68937	21.148	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.492	93	76526	21.316	ng/ul	96
29) 2,4-Dichlorophenol	10.745	162	57390	21.976	ng/ul	96
30) Naphthalene	11.162	128	175779	20.660	ng/ul	98
32) 4-Chloroaniline	11.256	127	73692	19.970	ng/ul	99
33) Hexachlorobutadiene	11.450	225	42950	19.372	ng/ul	95
34) Caprolactam	12.008	113	17190m	21.741	ng/ul	
35) 4-Chloro-3-methylphenol	12.366	107	62849	21.478	ng/ul	94
36) 2-Methylnaphthalene	12.748	142	127326	20.977	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.965	142	126455	20.065	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.112	216	83858	22.283	ng/ul	96
40) Hexachlorocyclopentadiene	13.095	237	57479	21.035	ng/ul	95
41) 2,4,6-Trichlorophenol	13.347	196	50901	22.343	ng/ul	99
42) 2,4,5-Trichlorophenol	13.418	196	53476	22.397	ng/ul	99
43) 1,1'-Biphenyl	13.741	154	175529	21.179	ng/ul#	96
44) 2-Chloronaphthalene	13.788	162	137652	21.483	ng/ul	98
45) 2-Nitroaniline	13.982	65	49404	25.240	ng/ul	98
47) Dimethylphthalate	14.346	163	166981	19.861	ng/ul#	97
48) 2,6-Dinitrotoluene	14.463	165	37146	23.112	ng/ul	96
50) Acenaphthylene	14.634	152	219766	20.885	ng/ul	96
51) 3-Nitroaniline	14.798	138	33118	21.549	ng/ul#	93
52) Acenaphthene	14.968	153	145908	20.989	ng/ul	95
53) 2,4-Dinitrophenol	14.998	184	14552	15.663	ng/ul#	84
55) 4-Nitrophenol	15.098	109	24929	16.499	ng/ul	90
56) Dibenzofuran	15.303	168	211431	20.652	ng/ul	99
57) 2,4-Dinitrotoluene	15.250	165	51246	22.496	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.527	232	46475	20.481	ng/ul	91
59) Diethylphthalate	15.703	149	170849	19.507	ng/ul	98
61) Fluorene	15.949	166	169125	20.049	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.932	204	94977	20.214	ng/ul#	89
63) 4-Nitroaniline	15.955	138	31727	20.129	ng/ul	88
66) 4,6-Dinitro-2-methylph...	16.014	198	23830	18.801	ng/ul	94
67) N-Nitrosodiphenylamine	16.143	169	144432	21.678	ng/ul	96
68) 4-Bromophenyl-phenylether	16.831	248	63290	25.088	ng/ul#	88
69) Hexachlorobenzene	16.960	284	68083	21.477	ng/ul#	92
70) Atrazine	17.083	200	60070	20.092	ng/ul	99
71) Pentachlorophenol	17.301	266	35253	18.150	ng/ul	97
72) Phenanthrene	17.694	178	264454	20.756	ng/ul	98
74) Anthracene	17.788	178	262150	20.367	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.711	216	90116	23.647	ng/uL	99
76) Pentachlorobenzene	15.227	250	83822	23.009	ng/uL	98
77) Carbazole	18.047	167	228258	19.804	ng/ul	98
78) Di-n-butylphthalate	18.593	149	283777	20.458	ng/ul	99
80) Fluoranthene	19.691	202	333256	22.247	ng/ul#	90
82) Pyrene	20.056	202	323421	21.816	ng/ul#	89
83) Butylbenzylphthalate	20.925	149	114763	23.084	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.853	252	65601	12.837	ng/ul#	96
85) Benzo(a)anthracene	21.953	228	307501	21.797	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.836	149	160544	23.054	ng/ul#	99
87) Chrysene	22.024	228	290678	21.327	ng/ul	97
89) Di-n-octyl phthalate	23.140	149	259703	27.257	ng/ul	100
90) Benzo(b)fluoranthene	24.344	252	266761	22.514	ng/ul#	96
91) Benzo(k)fluoranthene	24.420	252	247979	22.348	ng/ul#	95
93) Benzo(a)pyrene	25.302	252	232631	20.803	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.484	276	166645m	13.650	ng/ul	
95) Dibenzo(a,h)anthracene	29.560	278	130089m	12.476	ng/ul	
96) Benzo(g,h,i)perylene	30.747	276	154217m	14.906	ng/ul	

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

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