Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102023\
Data File : BG059505.D
Acq On : 20 Oct 2023 17:37
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020458

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023

Quant Time: Oct 20 18:12:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 20 03:52:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.189	152	41125	20.000	ng/ul	0.00
20) Naphthalene-d8	11.027	136	199269	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.828	164	132029	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.578	188	297932	20.000	ng/ul	0.00
79) Chrysene-d12	21.873	240	280551	20.000	ng/ul	0.00
88) Perylene-d12	25.310	264	327963	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.477	96	10247	7.860	ng/uL	0.00
4) Pyridine-d5	3.911	84	108523	24.242	ng/ul	0.00
7) Phenol-d5	7.313	99	92962	22.685	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.507	67	58019	24.700	ng/ul	0.00
11) 2-Chlorophenol-d4	7.701	132	69218	21.146	ng/ul	0.00
15) 4-Methylphenol-d8	8.882	113	71423	20.231	ng/ul	0.00
21) Nitrobenzene-d5	9.387	128	34757	17.873	ng/ul	0.00
24) 2-Nitrophenol-d4	10.104	143	50530	26.398	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.627	165	93857	26.503	ng/ul	0.00
31) 4-Chloroaniline-d4	11.173	131	109167	20.760	ng/ul	0.00
46) Dimethylphthalate-d6	14.223	166	225134	17.560	ng/ul	0.00
49) Acenaphthylene-d8	14.528	160	264873	17.946	ng/ul	0.00
54) 4-Nitrophenol-d4	15.022	143	39165	18.622	ng/ul	0.00
60) Fluorene-d10	15.815	176	205238	18.747	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.933	200	40459	20.192	ng/ul	0.00
73) Anthracene-d10	17.678	188	321842	19.617	ng/ul	0.00
81) Pyrene-d10	19.951	212	371445	20.178	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.069	264	368832	19.652	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.512	88	11486	7.744	ng/uL#	91
5) Pyridine	3.929	79	109288	23.566	ng/ul	95
6) Benzaldehyde	7.331	77	52794	28.615	ng/ul	96
8) Phenol	7.343	94	90345	22.298	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.601	93	74030	21.165	ng/ul	98
12) 2-Chlorophenol	7.736	128	69020	20.913	ng/ul#	89
13) 2-Methylphenol	8.612	108	69853	20.284	ng/ul	88
14) 2,2'-oxybis(1-Chloropr...	8.694	45	157689m	20.232	ng/ul	
16) Acetophenone	9.029	105	108844	20.422	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.994	70	52728	19.043	ng/ul	91
18) 4-Methylphenol	8.947	108	76769	20.622	ng/ul	98
19) Hexachloroethane	9.264	117	27442	20.211	ng/ul	92
22) Nitrobenzene	9.428	77	77441	17.297	ng/ul#	90
23) Isophorone	9.934	82	160719	18.716	ng/ul	97
25) 2-Nitrophenol	10.133	139	48747	24.195	ng/ul	95
26) 2,4-Dimethylphenol	10.163	107	99244	25.935	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.421	93	158122	29.626	ng/ul	97
29) 2,4-Dichlorophenol	10.656	162	90743	25.494	ng/ul	95
30) Naphthalene	11.079	128	242942	19.401	ng/ul	95
32) 4-Chloroaniline	11.203	127	103443	20.733	ng/ul	94
33) Hexachlorobutadiene	11.309	225	43742	19.159	ng/ul	96
34) Caprolactam	11.984	113	22959m	20.583	ng/ul	
35) 4-Chloro-3-methylphenol	12.284	107	71028	20.301	ng/ul	98
36) 2-Methylnaphthalene	12.672	142	161035	19.485	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.889	142	164086	19.480	ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	13.018	216	84505	18.996	ng/ul	96
40) Hexachlorocyclopentadiene	12.965	237	48481	19.551	ng/ul	100
41) 2,4,6-Trichlorophenol	13.259	196	53632	19.640	ng/ul	89
42) 2,4,5-Trichlorophenol	13.330	196	60595	19.403	ng/ul	97
43) 1,1'-Biphenyl	13.665	154	231404	18.707	ng/ul	99
44) 2-Chloronaphthalene	13.718	162	176220	18.119	ng/ul	96
45) 2-Nitroaniline	13.935	65	53827	16.975	ng/ul	97
47) Dimethylphthalate	14.270	163	223490	17.656	ng/ul	99
48) 2,6-Dinitrotoluene	14.417	165	43486	17.452	ng/ul	94
50) Acenaphthylene	14.558	152	285234	17.948	ng/ul	99
51) 3-Nitroaniline	14.757	138	48539	20.211	ng/ul#	75
52) Acenaphthene	14.893	153	192571	18.805	ng/ul	91
53) 2,4-Dinitrophenol	14.957	184	20001	15.824	ng/ul	97
55) 4-Nitrophenol	15.034	109	27509	18.876	ng/ul	93
56) Dibenzofuran	15.222	168	263250	19.066	ng/ul	97
57) 2,4-Dinitrotoluene	15.198	165	63618	18.658	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.439	232	51059	18.248	ng/ul#	94
59) Diethylphthalate	15.615	149	216749	18.762	ng/ul	99
61) Fluorene	15.874	166	221980	19.206	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.856	204	111958	18.987	ng/ul	95
63) 4-Nitroaniline	15.915	138	51295	22.054	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.944	198	42899	20.188	ng/ul#	89
67) N-Nitrosodiphenylamine	16.074	169	183860	19.974	ng/ul	94
68) 4-Bromophenyl-phenylether	16.749	248	65796	19.580	ng/ul	92
69) Hexachlorobenzene	16.843	284	74106	19.469	ng/ul#	92
70) Atrazine	17.008	200	67664	20.612	ng/ul	97
71) Pentachlorophenol	17.202	266	42605	19.929	ng/ul#	85
72) Phenanthrene	17.619	178	384329	19.767	ng/ul	96
74) Anthracene	17.713	178	399755	19.971	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.624	216	87216	19.898	ng/uL	96
76) Pentachlorobenzene	15.122	250	86157	20.070	ng/uL	98
77) Carbazole	17.989	167	337649	21.047	ng/ul	97
78) Di-n-butylphthalate	18.494	149	390629	19.950	ng/ul	99
80) Fluoranthene	19.616	202	447658	19.719	ng/ul	100
82) Pyrene	19.981	202	473600	19.792	ng/ul	97
83) Butylbenzylphthalate	20.833	149	167184	20.129	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.767	252	166305	22.095	ng/ul	97
85) Benzo(a)anthracene	21.849	228	463184	19.946	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.679	149	246329	20.328	ng/ul	98
87) Chrysene	21.920	228	430348	19.825	ng/ul	99
89) Di-n-octyl phthalate	22.960	149	413008	20.844	ng/ul	100
90) Benzo(b)fluoranthene	24.199	252	474401	20.316	ng/ul	95
91) Benzo(k)fluoranthene	24.270	252	463221	19.187	ng/ul	99
93) Benzo(a)pyrene	25.145	252	442194	19.880	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	29.282	276	496880m	19.624	ng/ul	
95) Dibenzo(a,h)anthracene	29.364	278	410388	19.929	ng/ul	95
96) Benzo(g,h,i)perylene	30.551	276	483516	22.740	ng/ul	95

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

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