Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010622\
Data File : BG051929.D
Acq On : 8 Jan 2022 00:43
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020476

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/10/2022
Supervised By :mohammad ahmed 01/12/2022

Quant Time: Jan 08 02:14:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.242	152	19660	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.085	136	86918	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.886	164	66696	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.635	188	188792	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.959	240	197006	20.000	ng/ul	# 0.00
88) Perylene-d12	25.437	264	202398	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.572	96	4725	8.588	ng/uL	0.00
4) Pyridine-d5	3.995	84	34686	20.280	ng/ul	-0.01
7) Phenol-d5	7.385	99	38516	20.017	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.549	67	24358	19.941	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.772	132	26871	21.092	ng/ul	0.00
15) 4-Methylphenol-d8	8.947	113	30676	20.508	ng/ul	0.00
21) Nitrobenzene-d5	9.417	128	14442	21.028	ng/ul	0.00
24) 2-Nitrophenol-d4	10.151	143	15942	20.988	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.698	165	31959	21.525	ng/ul	0.00
31) 4-Chloroaniline-d4	11.209	131	42112	20.367	ng/ul	0.00
46) Dimethylphthalate-d6	14.275	166	116662	21.161	ng/ul	0.00
49) Acenaphthylene-d8	14.587	160	138813	20.845	ng/ul	0.00
54) 4-Nitrophenol-d4	15.062	143	21123	22.917	ng/ul	0.00
60) Fluorene-d10	15.879	176	102489	21.322	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.985	200	20923	17.568	ng/ul	0.00
73) Anthracene-d10	17.735	188	188598	21.059	ng/ul	0.00
81) Pyrene-d10	20.015	212	247867	21.861	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.196	264	219210	20.573	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.607	88	4994	7.867	ng/uL#	72
5) Pyridine	4.019	79	36896	20.591	ng/ul	97
6) Benzaldehyde	7.367	77	28102m	21.955	ng/ul	
8) Phenol	7.414	94	39473	20.098	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.643	93	29301	20.381	ng/ul	95
12) 2-Chlorophenol	7.802	128	28086	21.671	ng/ul	93
13) 2-Methylphenol	8.683	108	28858	20.206	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.771	45	44295	20.200	ng/ul	98
16) Acetophenone	9.070	105	47389	20.074	ng/ul	89
17) N-Nitroso-di-n-propyla...	9.047	70	30060	20.843	ng/ul	93
18) 4-Methylphenol	9.012	108	33550	21.686	ng/ul	84
19) Hexachloroethane	9.347	117	11903	21.273	ng/ul	85
22) Nitrobenzene	9.458	77	41968	19.701	ng/ul	98
23) Isophorone	9.987	82	82023	20.366	ng/ul	99
25) 2-Nitrophenol	10.181	139	16785	20.107	ng/ul	93
26) 2,4-Dimethylphenol	10.234	107	38380	21.188	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.469	93	41186	19.862	ng/ul	96
29) 2,4-Dichlorophenol	10.727	162	30227	20.730	ng/ul	91
30) Naphthalene	11.132	128	95300	20.234	ng/ul	97
32) 4-Chloroaniline	11.232	127	44680	21.204	ng/ul	95
33) Hexachlorobutadiene	11.420	225	22729	19.555	ng/ul	95
34) Caprolactam	11.972	113	14109m	24.862	ng/ul	
35) 4-Chloro-3-methylphenol	12.343	107	38921	23.118	ng/ul	99
36) 2-Methylnaphthalene	12.730	142	70781	21.097	ng/ul	95

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37) 1-Methylnaphthalene	12.948	142	72200	20.969	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	13.094	216	45475	19.717	ng/ul	97
40) Hexachlorocyclopentadiene	13.077	237	25706	16.243	ng/ul	96
41) 2,4,6-Trichlorophenol	13.324	196	29709	20.380	ng/ul	96
42) 2,4,5-Trichlorophenol	13.394	196	34040	21.661	ng/ul	91
43) 1,1'-Biphenyl	13.723	154	104588	20.313	ng/ul#	93
44) 2-Chloronaphthalene	13.770	162	80208	20.114	ng/ul	99
45) 2-Nitroaniline	13.958	65	33511	21.928	ng/ul	96
47) Dimethylphthalate	14.322	163	112952	20.779	ng/ul	99
48) 2,6-Dinitrotoluene	14.446	165	24649	21.506	ng/ul	96
50) Acenaphthylene	14.610	152	137622	20.987	ng/ul	96
51) 3-Nitroaniline	14.780	138	26230	25.300	ng/ul	94
52) Acenaphthene	14.951	153	88920	20.394	ng/ul	94
53) 2,4-Dinitrophenol	14.986	184	9656	14.289	ng/ul	89
55) 4-Nitrophenol	15.080	109	22860	21.613	ng/ul	90
56) Dibenzofuran	15.286	168	134989	21.317	ng/ul	95
57) 2,4-Dinitrotoluene	15.233	165	38798	23.414	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.509	232	32893	22.566	ng/ul#	88
59) Diethylphthalate	15.685	149	122546	21.851	ng/ul	98
61) Fluorene	15.932	166	113869	21.579	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.920	204	61560	21.023	ng/ul	95
63) 4-Nitroaniline	15.938	138	28249	26.520	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.996	198	19768	17.361	ng/ul#	98
67) N-Nitrosodiphenylamine	16.132	169	100771	19.864	ng/ul	99
68) 4-Bromophenyl-phenylether	16.813	248	43295	19.589	ng/ul#	90
69) Hexachlorobenzene	16.942	284	49214	20.077	ng/ul#	90
70) Atrazine	17.071	200	49397	20.988	ng/ul	97
71) Pentachlorophenol	17.283	266	24981	18.249	ng/ul	95
72) Phenanthrene	17.682	178	205194	20.743	ng/ul	99
74) Anthracene	17.770	178	207308	20.935	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.694	216	51066	18.010	ng/uL	97
76) Pentachlorobenzene	15.209	250	51516	18.668	ng/uL	94
77) Carbazole	18.035	167	198134	22.205	ng/ul	98
78) Di-n-butylphthalate	18.581	149	231698	21.967	ng/ul	99
80) Fluoranthene	19.680	202	284316	21.699	ng/ul#	92
82) Pyrene	20.044	202	283446	21.972	ng/ul#	89
83) Butylbenzylphthalate	20.913	149	96979	21.602	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.836	252	94532	20.787	ng/ul#	98
85) Benzo(a)anthracene	21.935	228	275626	21.274	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.818	149	136793	20.835	ng/ul#	98
87) Chrysene	22.006	228	261485	20.960	ng/ul	99
89) Di-n-octyl phthalate	23.122	149	229213	20.501	ng/ul	100
90) Benzo(b)fluoranthene	24.326	252	281220	20.966	ng/ul#	96
91) Benzo(k)fluoranthene	24.397	252	262170	21.140	ng/ul#	96
93) Benzo(a)pyrene	25.278	252	263962	20.794	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.455	276	301381	20.740	ng/ul#	90
95) Dibenzo(a,h)anthracene	29.531	278	258159	21.004	ng/ul#	91
96) Benzo(g,h,i)perylene	30.700	276	254967	20.868	ng/ul#	92

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

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