Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112921\
Data File : BG051266.D
Acq On : 29 Nov 2021 10:10
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020564

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 29 10:45:04 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 24 06:04:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.201	152	29401	20.000	ng/ul	0.00
20) Naphthalene-d8	11.033	136	132038	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.834	164	88791	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.584	188	198763	20.000	ng/ul	0.00
79) Chrysene-d12	21.891	240	170390	20.000	ng/ul	0.00
88) Perylene-d12	25.299	264	170855	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.536	96	6071	7.176	ng/uL	0.00
4) Pyridine-d5	3.971	84	45005	18.128	ng/ul	0.00
7) Phenol-d5	7.361	99	53325	18.351	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.514	67	33884	18.567	ng/ul	0.00
11) 2-Chlorophenol-d4	7.731	132	38762	18.525	ng/ul	0.00
15) 4-Methylphenol-d8	8.918	113	42197	17.995	ng/ul	0.00
21) Nitrobenzene-d5	9.382	128	20219	18.140	ng/ul	0.00
24) 2-Nitrophenol-d4	10.105	143	22989	18.284	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.651	165	39874	18.692	ng/ul	0.00
31) 4-Chloroaniline-d4	11.168	131	56036	17.952	ng/ul	0.00
46) Dimethylphthalate-d6	14.229	166	124786	18.265	ng/ul	0.00
49) Acenaphthylene-d8	14.535	160	162817	18.899	ng/ul	0.00
54) 4-Nitrophenol-d4	15.058	143	16831	15.220	ng/ul	0.00
60) Fluorene-d10	15.827	176	115222	18.729	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.963	200	17673	14.409	ng/ul	0.00
73) Anthracene-d10	17.684	188	177435	18.665	ng/ul	0.00
81) Pyrene-d10	19.964	212	198098	19.214	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.064	264	167452	18.351	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.577	88	6648	6.967	ng/uL	98
5) Pyridine	3.988	79	47622	18.434	ng/ul	95
6) Benzaldehyde	7.337	77	39907m	21.565	ng/ul	
8) Phenol	7.390	94	55722	18.511	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.608	93	42121	18.495	ng/ul	97
12) 2-Chlorophenol	7.766	128	40195	18.850	ng/ul	96
13) 2-Methylphenol	8.648	108	40555	18.087	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.724	45	61575	18.737	ng/ul	98
16) Acetophenone	9.029	105	66099	18.224	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.000	70	39385	18.896	ng/ul	97
18) 4-Methylphenol	8.982	108	43022	17.943	ng/ul	96
19) Hexachloroethane	9.288	117	16671	18.510	ng/ul	91
22) Nitrobenzene	9.423	77	54659	18.702	ng/ul	95
23) Isophorone	9.940	82	105467	18.574	ng/ul	99
25) 2-Nitrophenol	10.140	139	23181	17.800	ng/ul	99
26) 2,4-Dimethylphenol	10.187	107	49756	18.687	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.416	93	58178	18.560	ng/ul	99
29) 2,4-Dichlorophenol	10.680	162	37897	18.047	ng/ul	92
30) Naphthalene	11.080	128	130431	18.155	ng/ul	99
32) 4-Chloroaniline	11.192	127	57927	18.486	ng/ul	99
33) Hexachlorobutadiene	11.344	225	25721	17.758	ng/ul	99
34) Caprolactam	11.950	113	15396	18.650	ng/ul	95
35) 4-Chloro-3-methylphenol	12.314	107	47375	18.781	ng/ul	99
36) 2-Methylnaphthalene	12.672	142	91082	18.638	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.890	142	93144	18.527	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.037	216	50972	18.286	ng/ul	94
40) Hexachlorocyclopentadiene	13.001	237	15501	13.758	ng/ul	91
41) 2,4,6-Trichlorophenol	13.277	196	31758	18.155	ng/ul	99
42) 2,4,5-Trichlorophenol	13.366	196	33257	18.155	ng/ul	98
43) 1,1'-Biphenyl	13.665	154	126090	19.013	ng/ul	96
44) 2-Chloronaphthalene	13.718	162	98249	18.624	ng/ul	99
45) 2-Nitroaniline	13.924	65	35571	19.483	ng/ul	94
47) Dimethylphthalate	14.276	163	126846	18.343	ng/ul	99
48) 2,6-Dinitrotoluene	14.411	165	26963	18.562	ng/ul	96
50) Acenaphthylene	14.564	152	159828	18.778	ng/ul	99
51) 3-Nitroaniline	14.746	138	28653	19.956	ng/ul	91
52) Acenaphthene	14.899	153	104045	18.536	ng/ul	97
53) 2,4-Dinitrophenol	14.970	184	10359	12.902	ng/ul	85
55) 4-Nitrophenol	15.075	109	19057	19.865	ng/ul	88
56) Dibenzofuran	15.234	168	150854	18.632	ng/ul	99
57) 2,4-Dinitrotoluene	15.205	165	39282	18.934	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.463	232	23435	16.292	ng/ul	97
59) Diethylphthalate	15.628	149	134033	18.465	ng/ul	98
61) Fluorene	15.880	166	122344	18.865	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.863	204	64308	18.400	ng/ul	96
63) 4-Nitroaniline	15.910	138	30516	21.840	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.974	198	17227	14.564	ng/ul#	96
67) N-Nitrosodiphenylamine	16.080	169	110160	19.360	ng/ul	98
68) 4-Bromophenyl-phenylether	16.762	248	38959	18.288	ng/ul	90
69) Hexachlorobenzene	16.885	284	39594	18.228	ng/ul	96
70) Atrazine	17.020	200	45366	18.970	ng/ul	96
71) Pentachlorophenol	17.243	266	14338	14.896	ng/ul	99
72) Phenanthrene	17.631	178	206892	18.852	ng/ul	100
74) Anthracene	17.719	178	207531	19.041	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.642	216	54324	18.738	ng/uL	99
76) Pentachlorobenzene	15.152	250	50801	18.806	ng/uL	99
77) Carbazole	17.995	167	185474	19.387	ng/ul	99
78) Di-n-butylphthalate	18.512	149	236713	19.189	ng/ul	99
80) Fluoranthene	19.629	202	242344	19.138	ng/ul	97
82) Pyrene	19.993	202	238128	19.224	ng/ul	97
83) Butylbenzylphthalate	20.851	149	99267	19.277	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.773	252	73950	18.641	ng/ul	97
85) Benzo(a)anthracene	21.867	228	213061	18.436	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.726	149	139239	18.790	ng/ul	98
87) Chrysene	21.938	228	202557	18.245	ng/ul	99
89) Di-n-octyl phthalate	22.990	149	237687	19.203	ng/ul	100
90) Benzo(b)fluoranthene	24.206	252	212314	18.413	ng/ul	99
91) Benzo(k)fluoranthene	24.276	252	195388	18.058	ng/ul	99
93) Benzo(a)pyrene	25.140	252	203697	18.517	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.218	276	222556	18.080	ng/ul	98
95) Dibenzo(a,h)anthracene	29.282	278	190194	18.213	ng/ul	99
96) Benzo(g,h,i)perylene	30.457	276	182437	17.615	ng/ul	97

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

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