Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
Data File : BG059438.D
Acq On : 12 Oct 2023 16:26
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SICV412

Quant Time: Oct 12 17:11:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 17:05:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	30318	20.000	ng/ul	0.00
20) Naphthalene-d8	11.061	136	135772	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.857	164	89974	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.606	188	211453	20.000	ng/ul	0.00
79) Chrysene-d12	21.907	240	217638	20.000	ng/ul	0.00
88) Perylene-d12	25.385	264	256454	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.511	96	7114	7.358	ng/uL	0.00
4) Pyridine-d5	3.946	84	49908	18.862	ng/ul	0.00
7) Phenol-d5	7.342	99	65574	19.754	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.536	67	40457	21.384	ng/ul	0.00
11) 2-Chlorophenol-d4	7.735	132	50947	21.569	ng/ul	0.00
15) 4-Methylphenol-d8	8.911	113	48996	19.358	ng/ul	0.00
21) Nitrobenzene-d5	9.422	128	25259	22.527	ng/ul	0.00
24) 2-Nitrophenol-d4	10.133	143	27106	24.764	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.661	165	51792	22.770	ng/ul	0.00
31) 4-Chloroaniline-d4	11.208	131	75841	21.010	ng/ul	0.00
46) Dimethylphthalate-d6	14.251	166	164697	21.605	ng/ul	0.00
49) Acenaphthylene-d8	14.557	160	197045	21.438	ng/ul	0.00
54) 4-Nitrophenol-d4	15.045	143	28364	21.541	ng/ul	0.00
60) Fluorene-d10	15.844	176	149160	20.788	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.955	200	28983	22.432	ng/ul	0.00
73) Anthracene-d10	17.700	188	241097	22.177	ng/ul	0.00
81) Pyrene-d10	19.980	212	296928	22.462	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.139	264	303637	21.626	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.552	88	7806	6.491	ng/uL	95
5) Pyridine	3.969	79	40843	15.628	ng/ul	98
6) Benzaldehyde	7.365	77	37819	25.913	ng/ul	85
8) Phenol	7.371	94	61694	18.653	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.636	93	47211	18.210	ng/ul	95
12) 2-Chlorophenol	7.771	128	48637	20.060	ng/ul#	89
13) 2-Methylphenol	8.646	108	47341	19.522	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.723	45	97245	17.916	ng/ul#	98
16) Acetophenone	9.063	105	75208	19.796	ng/ul	93
17) N-Nitroso-di-n-propyla...	9.022	70	35459	20.353	ng/ul#	91
18) 4-Methylphenol	8.975	108	48521	18.462	ng/ul	89
19) Hexachloroethane	9.292	117	9719	10.410	ng/ul#	73
22) Nitrobenzene	9.457	77	52427	20.956	ng/ul	90
23) Isophorone	9.962	82	107411	20.216	ng/ul#	97
25) 2-Nitrophenol	10.168	139	28412	23.732	ng/ul#	76
26) 2,4-Dimethylphenol	10.197	107	44488	17.749	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.450	93	66342	19.546	ng/ul	99
29) 2,4-Dichlorophenol	10.691	162	47642	21.734	ng/ul	91
30) Naphthalene	11.108	128	163333	19.986	ng/ul	98
32) 4-Chloroaniline	11.231	127	67361	19.876	ng/ul	99
33) Hexachlorobutadiene	11.337	225	29622	20.429	ng/ul	97
34) Caprolactam	12.019	113	15990	20.652	ng/ul	87
35) 4-Chloro-3-methylphenol	12.307	107	45603	20.365	ng/ul#	85

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.694	142	106673	20.231 ng/ul	98
37) 1-Methylnaphthalene	12.918	142	105706	19.688 ng/ul	92
39) 1,2,4,5-Tetrachloroben...	13.041	216	59330	20.418 ng/ul#	93
40) Hexachlorocyclopentadiene	12.994	237	26714	15.896 ng/ul	99
41) 2,4,6-Trichlorophenol	13.288	196	36750	20.579 ng/ul	92
42) 2,4,5-Trichlorophenol	13.358	196	40166	20.437 ng/ul	96
43) 1,1'-Biphenyl	13.687	154	164169	20.400 ng/ul	92
44) 2-Chloronaphthalene	13.746	162	116235	18.880 ng/ul#	90
45) 2-Nitroaniline	13.963	65	35151	21.488 ng/ul	96
47) Dimethylphthalate	14.298	163	148710	19.465 ng/ul	99
48) 2,6-Dinitrotoluene	14.445	165	30944	21.994 ng/ul#	95
50) Acenaphthylene	14.586	152	196913	20.272 ng/ul	98
51) 3-Nitroaniline	14.786	138	35085	23.526 ng/ul	98
52) Acenaphthene	14.921	153	123474	18.576 ng/ul	94
53) 2,4-Dinitrophenol	14.980	184	16694	22.422 ng/ul#	90
55) 4-Nitrophenol	15.068	109	20653	22.300 ng/ul#	85
56) Dibenzofuran	15.250	168	180317	20.062 ng/ul	92
57) 2,4-Dinitrotoluene	15.221	165	44604	22.537 ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.379	232	37663	21.447 ng/ul	91
59) Diethylphthalate	15.644	149	147633	19.996 ng/ul	96
61) Fluorene	15.902	166	144752	19.197 ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.885	204	74717	19.738 ng/ul	92
63) 4-Nitroaniline	15.943	138	36006	24.937 ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.973	198	28952	20.956 ng/ul#	94
67) N-Nitrosodiphenylamine	16.102	169	129637	20.974 ng/ul	99
68) 4-Bromophenyl-phenylether	16.778	248	44855	19.350 ng/ul	93
69) Hexachlorobenzene	16.872	284	50472	18.993 ng/ul	94
70) Atrazine	17.036	200	57221	23.458 ng/ul#	93
71) Pentachlorophenol	17.230	266	29656	19.691 ng/ul	94
72) Phenanthrene	17.647	178	265484	20.191 ng/ul	98
74) Anthracene	17.741	178	268684	19.825 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.652	216	59180	19.431 ng/uL	98
76) Pentachlorobenzene	15.150	250	58664	19.910 ng/uL	99
77) Carbazole	18.017	167	244287	20.944 ng/ul	97
78) Di-n-butylphthalate	18.523	149	281064	21.174 ng/ul	100
80) Fluoranthene	19.645	202	321568	20.028 ng/ul#	95
82) Pyrene	20.009	202	344041	20.162 ng/ul	98
83) Butylbenzylphthalate	20.861	149	125350	21.754 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.801	252	133792	23.712 ng/ul	93
85) Benzo(a)anthracene	21.884	228	352212	20.513 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.713	149	178131	21.435 ng/ul#	99
87) Chrysene	21.960	228	320330	19.800 ng/ul	96
89) Di-n-octyl phthalate	23.006	149	308412	20.322 ng/ul	100
90) Benzo(b)fluoranthene	24.257	252	343129	19.699 ng/ul	96
91) Benzo(k)fluoranthene	24.257	252	343129	19.215 ng/ul	97
93) Benzo(a)pyrene	25.221	252	313578	18.774 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.387	276	162365	8.644 ng/ul	98
95) Dibenzo(a,h)anthracene	29.481	278	297185	19.143 ng/ul	94
96) Benzo(g,h,i)perylene	30.667	276	293527	19.245 ng/ul#	93

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

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