Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073124\
Data File : BG062215.D
Acq On : 31 Jul 2024 11:50
Operator : MA/JU
Sample : SSTD01035
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD010419

Quant Time: Aug 01 02:06:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG073124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 31 16:23:55 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	38276	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	181372	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.599	164	138381	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.343	188	345732	20.000	ng/ul	0.00
79) Chrysene-d12	21.590	240	358857	20.000	ng/ul	0.00
88) Perylene-d12	24.697	264	393170	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.438	96	3783	4.206	ng/uL	0.00
4) Pyridine-d5	3.843	84	26287	9.571	ng/ul	0.00
7) Phenol-d5	7.127	99	34909	9.530	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.309	67	22510	9.964	ng/ul	0.00
11) 2-Chlorophenol-d4	7.509	132	23852	9.681	ng/ul	0.00
15) 4-Methylphenol-d8	8.672	113	28527	9.357	ng/ul	0.00
21) Nitrobenzene-d5	9.130	128	6219	8.267	ng/ul	0.00
24) 2-Nitrophenol-d4	9.853	143	6115	8.677	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	24832	9.410	ng/ul	0.00
31) 4-Chloroaniline-d4	10.898	131	45535	10.199	ng/ul	0.00
46) Dimethylphthalate-d6	14.006	166	105907	10.155	ng/ul	0.00
49) Acenaphthylene-d8	14.294	160	116849	10.149	ng/ul	0.00
54) 4-Nitrophenol-d4	14.770	143	8405	6.715	ng/ul	0.00
60) Fluorene-d10	15.592	176	94950	10.247	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	4493	5.482	ng/ul	0.00
73) Anthracene-d10	17.437	188	161827	10.157	ng/ul	0.00
81) Pyrene-d10	19.722	212	204728	10.194	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.486	264	192925	10.037	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.473	88	4577	4.126	ng/uL	97
5) Pyridine	3.861	79	28927	9.877	ng/ul	95
6) Benzaldehyde	7.115	77	21320	10.783	ng/ul	99
8) Phenol	7.156	94	35984	9.524	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.397	93	28713	10.072	ng/ul	96
12) 2-Chlorophenol	7.538	128	24997	9.767	ng/ul	97
13) 2-Methylphenol	8.408	108	28310	9.706	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.507	45	62034	10.226	ng/ul	99
16) Acetophenone	8.795	105	49247	9.946	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.784	70	27165	9.959	ng/ul	89
18) 4-Methylphenol	8.731	108	30835	9.598	ng/ul	91
19) Hexachloroethane	9.066	117	10008	9.823	ng/ul	98
22) Nitrobenzene	9.171	77	18733	8.313	ng/ul#	95
23) Isophorone	9.700	82	79461	9.923	ng/ul	97
25) 2-Nitrophenol	9.882	139	5735	7.025	ng/ul	96
26) 2,4-Dimethylphenol	9.941	107	35338	9.933	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.188	93	43324	9.997	ng/ul#	96
29) 2,4-Dichlorophenol	10.417	162	25529	9.694	ng/ul	99
30) Naphthalene	10.828	128	100727	9.993	ng/ul	98
32) 4-Chloroaniline	10.922	127	44071	10.273	ng/ul	100
33) Hexachlorobutadiene	11.122	225	20655	9.907	ng/ul	93
34) Caprolactam	11.674	113	11182	9.967	ng/ul	94
35) 4-Chloro-3-methylphenol	12.038	107	32590	9.518	ng/ul	93
36) 2-Methylnaphthalene	12.432	142	71575	10.047	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.649	142	73618	10.026	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.796	216	41421	10.114	ng/ul	98
40) Hexachlorocyclopentadiene	12.784	237	17940	8.436	ng/ul	95
41) 2,4,6-Trichlorophenol	13.025	196	18613	9.197	ng/ul	98
42) 2,4,5-Trichlorophenol	13.095	196	21934	9.585	ng/ul	97
43) 1,1'-Biphenyl	13.436	154	101651	10.183	ng/ul	94
44) 2-Chloronaphthalene	13.477	162	79352	10.136	ng/ul	97
45) 2-Nitroaniline	13.665	65	10692	7.724	ng/ul	97
47) Dimethylphthalate	14.053	163	111207	10.276	ng/ul	98
48) 2,6-Dinitrotoluene	14.165	165	8133	7.978	ng/ul#	94
50) Acenaphthylene	14.317	152	132086	10.169	ng/ul	99
51) 3-Nitroaniline	14.488	138	8353	6.573	ng/ul#	92
52) Acenaphthene	14.664	153	94174	10.259	ng/ul	100
53) 2,4-Dinitrophenol	14.693	184	5272	9.871	ng/ul	87
55) 4-Nitrophenol	14.781	109	9475	7.828	ng/ul	93
56) Dibenzofuran	14.999	168	130812	10.284	ng/ul	97
57) 2,4-Dinitrotoluene	14.952	165	10960	7.870	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.216	232	20930	9.609	ng/ul#	98
59) Diethylphthalate	15.422	149	115642	10.423	ng/ul	99
61) Fluorene	15.645	166	105830	10.334	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.645	204	54508	10.516	ng/ul	97
63) 4-Nitroaniline	15.645	138	10713	7.583	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.709	198	5024	5.474	ng/ul#	95
67) N-Nitrosodiphenylamine	15.850	169	97413	10.125	ng/ul	98
68) 4-Bromophenyl-phenylether	16.538	248	36604	9.885	ng/ul	92
69) Hexachlorobenzene	16.649	284	40486	10.114	ng/ul	96
70) Atrazine	16.802	200	38541	10.410	ng/ul	98
71) Pentachlorophenol	16.984	266	37632	14.833	ng/ul	95
72) Phenanthrene	17.384	178	190436	10.209	ng/ul	99
74) Anthracene	17.472	178	197668	10.237	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.401	216	42049	9.860	ng/ul	98
76) Pentachlorobenzene	14.916	250	44168	9.794	ng/ul	99
77) Carbazole	17.736	167	171071	10.796	ng/ul	99
78) Di-n-butylphthalate	18.318	149	205470	10.456	ng/ul	99
80) Fluoranthene	19.387	202	239072	10.164	ng/ul	100
82) Pyrene	19.745	202	251066	10.240	ng/ul	98
83) Butylbenzylphthalate	20.656	149	81251	9.875	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.484	252	80656	10.337	ng/ul	96
85) Benzo(a)anthracene	21.566	228	259840	10.190	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.519	149	133092	10.348	ng/ul	98
87) Chrysene	21.631	228	242832	10.190	ng/ul	100
89) Di-n-octyl phthalate	22.712	149	217211	9.840	ng/ul	100
90) Benzo(b)fluoranthene	23.716	252	249717	10.209	ng/ul	98
91) Benzo(k)fluoranthene	23.781	252	247309	10.171	ng/ul	99
93) Benzo(a)pyrene	24.550	252	235376	10.175	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.210	276	273796	10.066	ng/ul	98
95) Dibenzo(a,h)anthracene	28.292	278	229263	10.053	ng/ul	97
96) Benzo(g,h,i)perylene	29.303	276	219079	10.036	ng/ul	99

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

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