Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063263.D
Acq On : 9 Nov 2024 14:14
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020523

Quant Time: Nov 09 13:47:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	102754	20.000	ng/ul	0.00
20) Naphthalene-d8	10.623	136	486943	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.472	164	409678	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.222	188	965489	20.000	ng/ul	0.00
79) Chrysene-d12	21.475	240	985854	20.000	ng/ul	# 0.00
88) Perylene-d12	24.513	264	1039699	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.303	96	18426	8.108	ng/uL	0.00
4) Pyridine-d5	3.702	84	155608	20.718	ng/ul	0.00
7) Phenol-d5	7.010	99	189120	20.397	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	113111	20.798	ng/ul	0.00
11) 2-Chlorophenol-d4	7.368	132	131776	21.896	ng/ul	0.00
15) 4-Methylphenol-d8	8.544	113	166216	21.150	ng/ul	0.00
21) Nitrobenzene-d5	8.990	128	76118	22.235	ng/ul	0.00
24) 2-Nitrophenol-d4	9.707	143	93066	21.034	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.247	165	188463	21.705	ng/ul	0.00
31) 4-Chloroaniline-d4	10.759	131	225359	19.926	ng/ul	0.00
46) Dimethylphthalate-d6	13.878	166	575228	17.925	ng/ul	0.00
49) Acenaphthylene-d8	14.166	160	670850	21.358	ng/ul	0.00
54) 4-Nitrophenol-d4	14.683	143	81080	18.454	ng/ul	0.00
60) Fluorene-d10	15.465	176	556434	20.545	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.594	200	102878	16.955	ng/ul	0.00
73) Anthracene-d10	17.321	188	894272	21.551	ng/ul	0.00
81) Pyrene-d10	19.619	212	1082333	21.897	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.307	264	1050735	20.932	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.338	88	19971	7.139	ng/uL#	83
5) Pyridine	3.726	79	160816	20.985	ng/ul	98
6) Benzaldehyde	6.975	77	132882	25.931	ng/ul	94
8) Phenol	7.034	94	207241	20.510	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.257	93	139079	20.239	ng/ul	93
12) 2-Chlorophenol	7.404	128	138161	21.462	ng/ul	97
13) 2-Methylphenol	8.279	108	151886	20.579	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.350	45	190334	21.914	ng/ul	97
16) Acetophenone	8.655	105	261621	20.676	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.638	70	143988	19.508	ng/ul#	97
18) 4-Methylphenol	8.608	108	176341	21.011	ng/ul	94
19) Hexachloroethane	8.914	117	60278	23.107	ng/ul	99
22) Nitrobenzene	9.031	77	224370	21.256	ng/ul	93
23) Isophorone	9.548	82	402136	18.051	ng/ul	97
25) 2-Nitrophenol	9.742	139	95371	21.805	ng/ul	98
26) 2,4-Dimethylphenol	9.801	107	199997	20.963	ng/ul	87
27) Bis(2-Chloroethoxy)met...	10.036	93	212325	19.770	ng/ul#	93
29) 2,4-Dichlorophenol	10.277	162	180072	21.998	ng/ul	94
30) Naphthalene	10.676	128	530346	21.286	ng/ul	96
32) 4-Chloroaniline	10.782	127	214353	19.803	ng/ul	98
33) Hexachlorobutadiene	10.958	225	166149	21.208	ng/ul	99
34) Caprolactam	11.534	113	56328	16.556	ng/ul#	88
35) 4-Chloro-3-methylphenol	11.916	107	189207	19.263	ng/ul	95
36) 2-Methylnaphthalene	12.286	142	399599	20.235	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.509	142	405963	19.769	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.656	216	319305	22.110	ng/ul	98
40) Hexachlorocyclopentadiene	12.639	237	109520	13.888	ng/ul	96
41) 2,4,6-Trichlorophenol	12.903	196	176378	22.626	ng/ul	97
42) 2,4,5-Trichlorophenol	12.980	196	186944	22.115	ng/ul	85
43) 1,1'-Biphenyl	13.303	154	567371	21.849	ng/ul	99
44) 2-Chloronaphthalene	13.344	162	440276	21.778	ng/ul	99
45) 2-Nitroaniline	13.549	65	136222	19.753	ng/ul	94
47) Dimethylphthalate	13.925	163	556817	18.097	ng/ul	99
48) 2,6-Dinitrotoluene	14.049	165	116385	19.766	ng/ul	97
50) Acenaphthylene	14.196	152	650810	20.801	ng/ul	97
51) 3-Nitroaniline	14.378	138	108160	21.045	ng/ul	95
52) Acenaphthene	14.537	153	487293	21.760	ng/ul	98
53) 2,4-Dinitrophenol	14.595	184	59247	15.262	ng/ul#	78
55) 4-Nitrophenol	14.701	109	93082	16.300	ng/ul	98
56) Dibenzofuran	14.871	168	716498	20.901	ng/ul	98
57) 2,4-Dinitrotoluene	14.842	165	178055	19.120	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.106	232	176579	20.170	ng/ul#	98
59) Diethylphthalate	15.294	149	555836	17.620	ng/ul	99
61) Fluorene	15.524	166	588370	20.280	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.518	204	369545	19.819	ng/ul	99
63) 4-Nitroaniline	15.541	138	112017	21.535	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.612	198	108367	17.209	ng/ul	92
67) N-Nitrosodiphenylamine	15.729	169	488922	22.700	ng/ul	98
68) 4-Bromophenyl-phenylether	16.411	248	244603	22.161	ng/ul	95
69) Hexachlorobenzene	16.534	284	252319	21.458	ng/ul	96
70) Atrazine	16.681	200	233010	19.776	ng/ul	97
71) Pentachlorophenol	16.881	266	111050	18.838	ng/ul	92
72) Phenanthrene	17.263	178	964732	21.870	ng/ul	97
74) Anthracene	17.357	178	980457	21.696	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.267	216	329846	26.419	ng/ul	97
76) Pentachlorobenzene	14.795	250	333763	25.069	ng/ul	97
77) Carbazole	17.627	167	791292	21.091	ng/ul	97
78) Di-n-butylphthalate	18.191	149	887798	20.803	ng/ul	98
80) Fluoranthene	19.284	202	1198596	22.434	ng/ul	98
82) Pyrene	19.648	202	1245195	21.988	ng/ul#	97
83) Butylbenzylphthalate	20.547	149	393135	23.754	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.381	252	474562	22.386	ng/ul	98
85) Benzo(a)anthracene	21.458	228	1353984	21.713	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.376	149	569715	23.633	ng/ul	99
87) Chrysene	21.522	228	1261588	21.699	ng/ul	99
89) Di-n-octyl phthalate	22.515	149	976297	23.829	ng/ul	100
90) Benzo(b)fluoranthene	23.555	252	1354887	21.659	ng/ul	99
91) Benzo(k)fluoranthene	23.614	252	1281685	20.570	ng/ul	100
93) Benzo(a)pyrene	24.366	252	1214502	20.989	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	27.933	276	1497333	21.096	ng/ul	95
95) Dibenzo(a,h)anthracene	27.980	278	1214628	20.991	ng/ul	98
96) Benzo(g,h,i)perylene	29.002	276	1132370	21.043	ng/ul	99

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

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