Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121024\
Data File : BG063648.D
Acq On : 11 Dec 2024 2:07
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020561

Quant Time: Dec 11 02:50:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 06 15:14:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	169433	20.000	ng/ul	0.00
20) Naphthalene-d8	10.602	136	725920	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.450	164	536931	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.206	188	1206290	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.454	240	1120519	20.000	ng/ul	#-0.02
88) Perylene-d12	24.474	264	1222733	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	37588	9.794	ng/uL	0.00
4) Pyridine-d5	3.686	84	286962	20.212	ng/ul	0.00
7) Phenol-d5	6.994	99	333237	19.976	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.147	67	230304	20.418	ng/ul	0.00
11) 2-Chlorophenol-d4	7.353	132	216763	22.058	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	254971	20.615	ng/ul	0.00
21) Nitrobenzene-d5	8.968	128	115461	22.660	ng/ul	0.00
24) 2-Nitrophenol-d4	9.685	143	123292	21.145	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.232	165	247284	19.697	ng/ul	0.00
31) 4-Chloroaniline-d4	10.737	131	314095	20.702	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	777604	19.927	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	902569	21.160	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	91758	18.363	ng/ul	0.00
60) Fluorene-d10	15.449	176	697791	18.140	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.578	200	115058	16.884	ng/ul	0.00
73) Anthracene-d10	17.300	188	1143974	20.769	ng/ul	-0.01
81) Pyrene-d10	19.603	212	1300005	20.931	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.268	264	1258134	20.487	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	38042	7.444	ng/uL#	85
5) Pyridine	3.710	79	299140	20.289	ng/ul	93
6) Benzaldehyde	6.959	77	243937	22.851	ng/ul	96
8) Phenol	7.024	94	353043	19.687	ng/ul#	87
10) Bis(2-Chloroethyl)ether	7.241	93	275383	22.227	ng/ul	89
12) 2-Chlorophenol	7.382	128	223218	22.446	ng/ul	96
13) 2-Methylphenol	8.263	108	261492	20.897	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.334	45	418762	25.134	ng/ul	96
16) Acetophenone	8.634	105	446489	19.609	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.616	70	260462	20.078	ng/ul	93
18) 4-Methylphenol	8.587	108	278156	20.243	ng/ul	97
19) Hexachloroethane	8.886	117	103901	19.552	ng/ul	96
22) Nitrobenzene	9.010	77	392074	19.022	ng/ul#	86
23) Isophorone	9.527	82	703434	18.929	ng/ul	98
25) 2-Nitrophenol	9.720	139	132625	22.828	ng/ul#	79
26) 2,4-Dimethylphenol	9.785	107	295886	18.689	ng/ul#	93
27) Bis(2-Chloroethoxy)met...	10.014	93	381949	21.997	ng/ul	95
29) 2,4-Dichlorophenol	10.255	162	247646	19.678	ng/ul	95
30) Naphthalene	10.655	128	797285	21.336	ng/ul#	95
32) 4-Chloroaniline	10.766	127	298600	20.776	ng/ul	93
33) Hexachlorobutadiene	10.937	225	200126	15.412	ng/ul	94
34) Caprolactam	11.513	113	78433m	19.038	ng/ul	
35) 4-Chloro-3-methylphenol	11.900	107	289285	18.427	ng/ul#	83
36) 2-Methylnaphthalene	12.265	142	566242	19.655	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.482	142	581876	19.920	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.641	216	378296	18.122	ng/ul	96
40) Hexachlorocyclopentadiene	12.617	237	100064	11.483	ng/ul	88
41) 2,4,6-Trichlorophenol	12.882	196	216538	21.034	ng/ul	97
42) 2,4,5-Trichlorophenol	12.964	196	226194	20.366	ng/ul	98
43) 1,1'-Biphenyl	13.281	154	793749	22.270	ng/ul#	97
44) 2-Chloronaphthalene	13.322	162	627001	21.345	ng/ul	97
45) 2-Nitroaniline	13.534	65	208549	21.732	ng/ul#	87
47) Dimethylphthalate	13.904	163	792076	20.063	ng/ul#	97
48) 2,6-Dinitrotoluene	14.027	165	148080	20.329	ng/ul#	82
50) Acenaphthylene	14.174	152	973965	21.713	ng/ul	100
51) 3-Nitroaniline	14.362	138	128635	20.953	ng/ul	95
52) Acenaphthene	14.515	153	676997	20.786	ng/ul	92
53) 2,4-Dinitrophenol	14.585	184	42662	11.865	ng/ul#	88
55) 4-Nitrophenol	14.685	109	97513	12.702	ng/ul#	69
56) Dibenzofuran	14.850	168	988231	19.632	ng/ul	97
57) 2,4-Dinitrotoluene	14.826	165	215464	18.756	ng/ul	85
58) 2,3,4,6-Tetrachlorophenol	15.085	232	180817	17.406	ng/ul#	96
59) Diethylphthalate	15.273	149	747844	19.439	ng/ul	97
61) Fluorene	15.502	166	762784	18.605	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.496	204	427515	16.191	ng/ul	97
63) 4-Nitroaniline	15.525	138	135583m	20.537	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.596	198	116891	17.180	ng/ul#	98
67) N-Nitrosodiphenylamine	15.713	169	652224	23.087	ng/ul	95
68) 4-Bromophenyl-phenylether	16.395	248	279861	19.634	ng/ul	93
69) Hexachlorobenzene	16.518	284	299425	19.515	ng/ul	96
70) Atrazine	16.665	200	273637	20.722	ng/ul#	96
71) Pentachlorophenol	16.865	266	100703	18.667	ng/ul#	81
72) Phenanthrene	17.247	178	1299040	21.862	ng/ul	97
74) Anthracene	17.335	178	1303853	21.249	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.246	216	381168	22.389	ng/ul	100
76) Pentachlorobenzene	14.773	250	368935	20.743	ng/ul	97
77) Carbazole	17.611	167	1078501	21.939	ng/ul	99
78) Di-n-butylphthalate	18.169	149	1213087	23.115	ng/ul	97
80) Fluoranthene	19.268	202	1508076	21.605	ng/ul#	93
82) Pyrene	19.632	202	1608259	21.674	ng/ul#	91
83) Butylbenzylphthalate	20.525	149	458208	29.324	ng/ul#	92
84) 3,3'-Dichlorobenzidine	21.360	252	456248	23.786	ng/ul#	99
85) Benzo(a)anthracene	21.436	228	1581682	20.930	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.354	149	686360	29.216	ng/ul#	98
87) Chrysene	21.501	228	1507619	21.237	ng/ul	99
89) Di-n-octyl phthalate	22.488	149	1218633	28.518	ng/ul	100
90) Benzo(b)fluoranthene	23.522	252	1537063	20.236	ng/ul#	96
91) Benzo(k)fluoranthene	23.587	252	1585943	21.005	ng/ul#	98
93) Benzo(a)pyrene	24.333	252	1436640	20.166	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	27.870	276	1785551	20.778	ng/ul#	91
95) Dibenzo(a,h)anthracene	27.923	278	1399491	20.305	ng/ul#	92
96) Benzo(g,h,i)perylene	28.939	276	1374891	21.050	ng/ul#	93

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

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