Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010625\
Data File : BG063934.D
Acq On : 6 Jan 2025 11:20
Operator : RC/JU
Sample : SSTD01095
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD010439

Quant Time: Jan 06 12:40:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010625.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 06 12:32:57 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.794	152	86322	20.000	ng/ul	0.00
20) Naphthalene-d8	10.585	136	348543	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	242727	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.195	188	567502	20.000	ng/ul	0.00
79) Chrysene-d12	21.448	240	662084	20.000	ng/ul	0.00
88) Perylene-d12	24.474	264	689060	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	10159	4.554	ng/uL	0.00
4) Pyridine-d5	3.669	84	78696	11.152	ng/ul	0.00
7) Phenol-d5	6.983	99	72366	9.340	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.124	67	51637	9.603	ng/ul	0.00
11) 2-Chlorophenol-d4	7.335	132	49301	9.780	ng/ul	0.00
15) 4-Methylphenol-d8	8.511	113	54800	9.214	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	25894	10.292	ng/ul	0.00
24) 2-Nitrophenol-d4	9.674	143	26354	9.493	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.220	165	54990	10.254	ng/ul	0.00
31) 4-Chloroaniline-d4	10.726	131	65599	9.622	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	169490	10.258	ng/ul	0.00
49) Acenaphthylene-d8	14.128	160	205005	10.837	ng/ul	0.00
54) 4-Nitrophenol-d4	14.680	143	17543	7.619	ng/ul	0.01
60) Fluorene-d10	15.438	176	155887	10.667	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.573	200	20202	6.928	ng/ul	0.00
73) Anthracene-d10	17.294	188	277947	11.223	ng/ul	0.00
81) Pyrene-d10	19.598	212	339428	10.060	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.263	264	333800	10.297	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	11391m	4.320	ng/uL	
5) Pyridine	3.687	79	79461	10.507	ng/ul	94
6) Benzaldehyde	6.936	77	55973	11.646	ng/ul	91
8) Phenol	7.012	94	82442	9.977	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.218	93	67152	10.520	ng/ul	97
12) 2-Chlorophenol	7.365	128	52294	10.298	ng/ul	95
13) 2-Methylphenol	8.252	108	53082	8.933	ng/ul	84
14) 2,2'-oxybis(1-Chloropr...	8.311	45	96183	10.189	ng/ul#	96
16) Acetophenone	8.610	105	101288	9.968	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.593	70	56032	9.350	ng/ul#	96
18) 4-Methylphenol	8.575	108	62165	9.643	ng/ul	92
19) Hexachloroethane	8.863	117	26544	10.596	ng/ul	94
22) Nitrobenzene	8.992	77	84489	10.211	ng/ul	98
23) Isophorone	9.509	82	154731	9.963	ng/ul	99
25) 2-Nitrophenol	9.703	139	27381	9.652	ng/ul	93
26) 2,4-Dimethylphenol	9.768	107	63728	9.934	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.991	93	89823	10.608	ng/ul	100
29) 2,4-Dichlorophenol	10.244	162	56520	10.619	ng/ul	95
30) Naphthalene	10.632	128	181205	10.463	ng/ul	97
32) 4-Chloroaniline	10.749	127	65393	10.174	ng/ul	98
33) Hexachlorobutadiene	10.920	225	43891	10.095	ng/ul	97
34) Caprolactam	11.489	113	17589m	9.630	ng/ul	
35) 4-Chloro-3-methylphenol	11.889	107	53198	8.588	ng/ul	94
36) 2-Methylnaphthalene	12.247	142	125551	10.119	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.465	142	124465	9.869	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.623	216	79252	10.184	ng/ul	98
40) Hexachlorocyclopentadiene	12.600	237	11066	3.871	ng/ul#	93
41) 2,4,6-Trichlorophenol	12.876	196	39898	9.164	ng/ul	95
42) 2,4,5-Trichlorophenol	12.958	196	42383	9.185	ng/ul	98
43) 1,1'-Biphenyl	13.264	154	176345	10.936	ng/ul	97
44) 2-Chloronaphthalene	13.311	162	139407	10.762	ng/ul	96
45) 2-Nitroaniline	13.522	65	37908	8.762	ng/ul	86
47) Dimethylphthalate	13.893	163	175599	10.647	ng/ul#	97
48) 2,6-Dinitrotoluene	14.022	165	32727	10.624	ng/ul	95
50) Acenaphthylene	14.157	152	213237	10.586	ng/ul	99
51) 3-Nitroaniline	14.351	138	27790	9.681	ng/ul	95
52) Acenaphthene	14.504	153	156341	10.880	ng/ul	97
53) 2,4-Dinitrophenol	14.592	184	5238m	3.474	ng/ul	
55) 4-Nitrophenol	14.703	109	14358m	6.118	ng/ul	
56) Dibenzofuran	14.838	168	225388	11.122	ng/ul	95
57) 2,4-Dinitrotoluene	14.815	165	46176	10.063	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.079	232	34710	8.886	ng/ul#	91
59) Diethylphthalate	15.261	149	167099	10.515	ng/ul	98
61) Fluorene	15.491	166	172783	10.699	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.485	204	92949	10.370	ng/ul	97
63) 4-Nitroaniline	15.520	138	25997	9.059	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.591	198	20878	6.990	ng/ul#	97
67) N-Nitrosodiphenylamine	15.702	169	145357	10.562	ng/ul	100
68) 4-Bromophenyl-phenylether	16.384	248	59581	10.374	ng/ul	96
69) Hexachlorobenzene	16.507	284	67536	10.364	ng/ul#	92
70) Atrazine	16.654	200	62374	10.570	ng/ul	93
71) Pentachlorophenol	16.865	266	15304m	5.820	ng/ul	
72) Phenanthrene	17.236	178	306457	11.071	ng/ul	96
74) Anthracene	17.330	178	308517	11.046	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.234	216	79325	10.382	ng/ul	95
76) Pentachlorobenzene	14.762	250	86373	11.300	ng/ul	97
77) Carbazole	17.606	167	263436	11.628	ng/ul	99
78) Di-n-butylphthalate	18.164	149	275437	10.197	ng/ul	99
80) Fluoranthene	19.263	202	384059	10.041	ng/ul	98
82) Pyrene	19.627	202	423352	10.404	ng/ul	97
83) Butylbenzylphthalate	20.520	149	97560	7.953	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.354	252	101648	8.684	ng/ul	93
85) Benzo(a)anthracene	21.431	228	421079	10.251	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.343	149	155007	8.566	ng/ul#	98
87) Chrysene	21.495	228	418114	10.647	ng/ul	97
89) Di-n-octyl phthalate	22.482	149	271675	9.343	ng/ul	100
90) Benzo(b)fluoranthene	23.517	252	411853	10.526	ng/ul	98
91) Benzo(k)fluoranthene	23.581	252	413776	10.613	ng/ul	98
93) Benzo(a)pyrene	24.333	252	384691	10.444	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.888	276	455447	10.136	ng/ul	97
95) Dibenzo(a,h)anthracene	27.935	278	372646	10.409	ng/ul	98
96) Benzo(g,h,i)perylene	28.940	276	354591	9.955	ng/ul#	92

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

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