Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010625\
Data File : BG063936.D
Acq On : 6 Jan 2025 12:35
Operator : RC/JU
Sample : SSTD04097
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD040441

Quant Time: Jan 06 16:34:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010625.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 06 16:14:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.794	152	90922	20.000	ng/ul	0.00
20) Naphthalene-d8	10.585	136	361985	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	250901	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.194	188	563024	20.000	ng/ul	0.00
79) Chrysene-d12	21.460	240	663238	20.000	ng/ul	0.00
88) Perylene-d12	24.492	264	706989	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	44565	16.616	ng/uL	0.00
4) Pyridine-d5	3.663	84	345782	42.315	ng/ul	0.00
7) Phenol-d5	6.983	99	338627	41.945	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.124	67	241661	42.315	ng/ul	0.00
11) 2-Chlorophenol-d4	7.330	132	223507	42.157	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	257602	42.565	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	119049	43.326	ng/ul	0.00
24) 2-Nitrophenol-d4	9.668	143	126858	43.045	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.214	165	250892	42.441	ng/ul	0.00
31) 4-Chloroaniline-d4	10.726	131	312389	41.793	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	741611	41.269	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	886038	41.603	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	101624	41.561	ng/ul	0.00
60) Fluorene-d10	15.438	176	663108	41.346	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	120925	41.006	ng/ul	0.00
73) Anthracene-d10	17.294	188	1118773	41.019	ng/ul	0.00
81) Pyrene-d10	19.598	212	1410024	41.348	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.286	264	1535420	42.853	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	50911	16.664	ng/uL	95
5) Pyridine	3.681	79	361150	42.375	ng/ul	93
6) Benzaldehyde	6.936	77	225152	46.091	ng/ul	94
8) Phenol	7.006	94	367467	42.751	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.218	93	291217	42.238	ng/ul	94
12) 2-Chlorophenol	7.365	128	233341	42.665	ng/ul	94
13) 2-Methylphenol	8.252	108	257478	42.646	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.311	45	416769	41.975	ng/ul	99
16) Acetophenone	8.610	105	448878	42.893	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.599	70	256803	42.691	ng/ul	98
18) 4-Methylphenol	8.575	108	279762	42.588	ng/ul	98
19) Hexachloroethane	8.869	117	104748	40.807	ng/ul	99
22) Nitrobenzene	8.992	77	389128	41.631	ng/ul	97
23) Isophorone	9.515	82	696892	41.510	ng/ul	97
25) 2-Nitrophenol	9.703	139	132875	44.733	ng/ul	96
26) 2,4-Dimethylphenol	9.774	107	289294	43.197	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.997	93	402410	42.379	ng/ul	96
29) 2,4-Dichlorophenol	10.244	162	248892	42.742	ng/ul	95
30) Naphthalene	10.632	128	781105	41.062	ng/ul	98
32) 4-Chloroaniline	10.749	127	298163	42.007	ng/ul	95
33) Hexachlorobutadiene	10.919	225	194765	40.508	ng/ul	93
34) Caprolactam	11.507	113	84024m	40.684	ng/ul	
35) 4-Chloro-3-methylphenol	11.895	107	267903	43.729	ng/ul	95
36) 2-Methylnaphthalene	12.247	142	546118	40.858	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.471	142	547010	41.237	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.623	216	355849	40.538	ng/ul	99
40) Hexachlorocyclopentadiene	12.600	237	110554	33.440	ng/ul	93
41) 2,4,6-Trichlorophenol	12.870	196	199886	42.754	ng/ul	91
42) 2,4,5-Trichlorophenol	12.952	196	211079	44.369	ng/ul#	95
43) 1,1'-Biphenyl	13.264	154	757512	41.954	ng/ul	96
44) 2-Chloronaphthalene	13.311	162	594287	40.725	ng/ul	96
45) 2-Nitroaniline	13.522	65	202240	44.401	ng/ul	98
47) Dimethylphthalate	13.892	163	741553	41.046	ng/ul	99
48) 2,6-Dinitrotoluene	14.022	165	147492	42.851	ng/ul#	85
50) Acenaphthylene	14.163	152	934612	41.759	ng/ul	98
51) 3-Nitroaniline	14.357	138	131750	42.561	ng/ul	86
52) Acenaphthene	14.503	153	652146	41.300	ng/ul	99
53) 2,4-Dinitrophenol	14.574	184	57986	33.599	ng/ul#	83
55) 4-Nitrophenol	14.686	109	92445	41.922	ng/ul	95
56) Dibenzofuran	14.844	168	928633	40.603	ng/ul	99
57) 2,4-Dinitrotoluene	14.821	165	218069	42.422	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.079	232	176014	44.797	ng/ul#	88
59) Diethylphthalate	15.267	149	701377	40.597	ng/ul	98
61) Fluorene	15.496	166	734187	41.391	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.485	204	395337	40.740	ng/ul	97
63) 4-Nitroaniline	15.520	138	133076	43.901	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.590	198	130894	43.113	ng/ul#	98
67) N-Nitrosodiphenylamine	15.702	169	620980	42.088	ng/ul	96
68) 4-Bromophenyl-phenylether	16.384	248	262795	42.197	ng/ul	97
69) Hexachlorobenzene	16.507	284	291039	41.499	ng/ul	99
70) Atrazine	16.660	200	276383	41.457	ng/ul	95
71) Pentachlorophenol	16.860	266	103491	42.838	ng/ul	95
72) Phenanthrene	17.241	178	1276872	41.140	ng/ul	99
74) Anthracene	17.330	178	1307091	41.702	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.234	216	362599	42.407	ng/ul	98
76) Pentachlorobenzene	14.768	250	363619	41.886	ng/ul	98
77) Carbazole	17.606	167	1113951	42.617	ng/ul	95
78) Di-n-butylphthalate	18.164	149	1252250	42.714	ng/ul	98
80) Fluoranthene	19.263	202	1613931	41.588	ng/ul	99
82) Pyrene	19.627	202	1717291	40.922	ng/ul	98
83) Butylbenzylphthalate	20.526	149	486978	43.119	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.360	252	509583	45.172	ng/ul	96
85) Benzo(a)anthracene	21.437	228	1801015	41.657	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.354	149	768771	42.790	ng/ul	99
87) Chrysene	21.501	228	1713615	41.050	ng/ul	98
89) Di-n-octyl phthalate	22.494	149	1383160	41.506	ng/ul	100
90) Benzo(b)fluoranthene	23.534	252	1768991	41.345	ng/ul	99
91) Benzo(k)fluoranthene	23.599	252	1857017	41.584	ng/ul	98
93) Benzo(a)pyrene	24.357	252	1698320	41.596	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.929	276	2079431	42.374	ng/ul	98
95) Dibenzo(a,h)anthracene	27.976	278	1661285	42.469	ng/ul	97
96) Benzo(g,h,i)perylene	28.998	276	1654977	42.705	ng/ul	99

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

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