Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010625\
Data File : BG063940.D
Acq On : 6 Jan 2025 15:28
Operator : RC/JU
Sample : SSTD02096
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020445

Quant Time: Jan 06 16:17:55 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	90624	20.000	ng/ul	0.00
20) Naphthalene-d8	10.579	136	358113	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	255440	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.194	188	584424	20.000	ng/ul	0.00
79) Chrysene-d12	21.454	240	671113	20.000	ng/ul	0.00
88) Perylene-d12	24.486	264	695303	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	22238	8.319	ng/uL	0.00
4) Pyridine-d5	3.663	84	174148	21.382	ng/ul	0.00
7) Phenol-d5	6.977	99	165209	20.531	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.124	67	118110	20.749	ng/ul	0.00
11) 2-Chlorophenol-d4	7.330	132	109825	20.783	ng/ul	0.00
15) 4-Methylphenol-d8	8.510	113	125182	20.753	ng/ul	0.00
21) Nitrobenzene-d5	8.945	128	58211	21.414	ng/ul	0.00
24) 2-Nitrophenol-d4	9.668	143	62301	21.368	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.214	165	122474	20.942	ng/ul	0.00
31) 4-Chloroaniline-d4	10.726	131	151825	20.531	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	378741	20.702	ng/ul	0.00
49) Acenaphthylene-d8	14.127	160	451949	20.844	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	45803	18.399	ng/ul	0.00
60) Fluorene-d10	15.438	176	339193	20.774	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.573	200	58650	19.160	ng/ul	0.00
73) Anthracene-d10	17.294	188	597796	21.115	ng/ul	0.00
81) Pyrene-d10	19.597	212	731970	21.213	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.280	264	729459	20.701	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	26496	8.701	ng/uL	100
5) Pyridine	3.681	79	178709	21.037	ng/ul	100
6) Benzaldehyde	6.936	77	125865	25.850	ng/ul	100
8) Phenol	7.006	94	176577	20.611	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.218	93	142798	20.779	ng/ul	100
12) 2-Chlorophenol	7.365	128	111041	20.370	ng/ul	100
13) 2-Methylphenol	8.246	108	124681	20.719	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.311	45	211301	21.351	ng/ul	100
16) Acetophenone	8.610	105	217945	20.894	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.593	70	124139	20.705	ng/ul	100
18) 4-Methylphenol	8.575	108	139053	21.238	ng/ul	100
19) Hexachloroethane	8.863	117	54484	21.295	ng/ul	100
22) Nitrobenzene	8.992	77	195184	21.108	ng/ul	100
23) Isophorone	9.509	82	335793	20.218	ng/ul	100
25) 2-Nitrophenol	9.703	139	62574	21.293	ng/ul	100
26) 2,4-Dimethylphenol	9.768	107	134891	20.359	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.991	93	195893	20.853	ng/ul	100
29) 2,4-Dichlorophenol	10.244	162	121191	21.037	ng/ul	100
30) Naphthalene	10.632	128	386716	20.549	ng/ul	100
32) 4-Chloroaniline	10.749	127	140179	19.963	ng/ul	100
33) Hexachlorobutadiene	10.919	225	97334	20.463	ng/ul	100
34) Caprolactam	11.501	113	41994m	20.553	ng/ul	
35) 4-Chloro-3-methylphenol	11.895	107	127269	20.998	ng/ul	100
36) 2-Methylnaphthalene	12.247	142	274014	20.722	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.471	142	274348	20.906	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.623	216	180437	20.190	ng/ul	100
40) Hexachlorocyclopentadiene	12.600	237	74568	22.154	ng/ul	100
41) 2,4,6-Trichlorophenol	12.870	196	97973	20.583	ng/ul	100
42) 2,4,5-Trichlorophenol	12.952	196	100419	20.733	ng/ul	100
43) 1,1'-Biphenyl	13.264	154	374258	20.360	ng/ul	100
44) 2-Chloronaphthalene	13.311	162	302525	20.363	ng/ul	100
45) 2-Nitroaniline	13.516	65	95497	20.593	ng/ul	100
47) Dimethylphthalate	13.892	163	374896	20.382	ng/ul	100
48) 2,6-Dinitrotoluene	14.022	165	75243	21.472	ng/ul	100
50) Acenaphthylene	14.157	152	463612	20.346	ng/ul	100
51) 3-Nitroaniline	14.351	138	67356	21.372	ng/ul	100
52) Acenaphthene	14.503	153	323425	20.118	ng/ul	100
53) 2,4-Dinitrophenol	14.580	184	36806	20.948	ng/ul	100
55) 4-Nitrophenol	14.691	109	41945	18.683	ng/ul	100
56) Dibenzofuran	14.838	168	471730	20.259	ng/ul	100
57) 2,4-Dinitrotoluene	14.821	165	107784	20.595	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.079	232	80754	20.187	ng/ul	100
59) Diethylphthalate	15.261	149	365794	20.796	ng/ul	100
61) Fluorene	15.491	166	373169	20.664	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.485	204	202975	20.545	ng/ul	100
63) 4-Nitroaniline	15.520	138	69783	22.612	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.590	198	57674	18.301	ng/ul	100
67) N-Nitrosodiphenylamine	15.702	169	319993	20.894	ng/ul	100
68) 4-Bromophenyl-phenylether	16.384	248	133631	20.671	ng/ul	100
69) Hexachlorobenzene	16.507	284	148116	20.346	ng/ul	100
70) Atrazine	16.654	200	144825	20.928	ng/ul	100
71) Pentachlorophenol	16.865	266	43585m	17.381	ng/ul	
72) Phenanthrene	17.236	178	661009	20.518	ng/ul	100
74) Anthracene	17.330	178	678820	20.864	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.234	216	182668	20.581	ng/ul	100
76) Pentachlorobenzene	14.768	250	184279	20.450	ng/ul	100
77) Carbazole	17.606	167	578406	21.318	ng/ul	100
78) Di-n-butylphthalate	18.164	149	647263	21.270	ng/ul	100
80) Fluoranthene	19.263	202	837389	21.325	ng/ul	100
82) Pyrene	19.627	202	900118	21.197	ng/ul	100
83) Butylbenzylphthalate	20.520	149	245053	21.443	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.360	252	239027	20.940	ng/ul	100
85) Benzo(a)anthracene	21.436	228	911575	20.837	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.348	149	387905	21.337	ng/ul	100
87) Chrysene	21.501	228	876285	20.745	ng/ul	100
89) Di-n-octyl phthalate	22.488	149	687531	20.978	ng/ul	100
90) Benzo(b)fluoranthene	23.528	252	877307	20.849	ng/ul	100
91) Benzo(k)fluoranthene	23.593	252	924009	21.039	ng/ul	100
93) Benzo(a)pyrene	24.345	252	840231	20.925	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.917	276	1002785	20.778	ng/ul	100
95) Dibenzo(a,h)anthracene	27.958	278	802870	20.870	ng/ul	100
96) Benzo(g,h,i)perylene	28.975	276	775674	20.352	ng/ul	100

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

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