

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091024\
 Data File : BG062726.D
 Acq On : 11 Sep 2024 8:25
 Operator : JU/RC
 Sample : P3877-09MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCVY2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

Quant Time: Sep 11 09:02:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 01:28:17 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.908	152	78835	20.000	ng/u1	0.00
20) Naphthalene-d8	10.699	136	306952	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.535	164	272872	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.285	188	624740	20.000	ng/u1	0.00
79) Chrysene-d12	21.521	240	639516	20.000	ng/u1	0.00
88) Perylene-d12	24.582	264	716511	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	6182	3.545	ng/uL	0.00
4) Pyridine-d5	3.772	84	37364	6.731	ng/u1	0.00
7) Phenol-d5	7.079	99	154380	22.332	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.238	67	89172	21.515	ng/u1	0.00
11) 2-Chlorophenol-d4	7.444	132	118686	23.570	ng/u1	0.00
15) 4-Methylphenol-d8	8.619	113	128495	22.305	ng/u1	0.00
21) Nitrobenzene-d5	9.059	128	60580	27.614	ng/u1	0.00
24) 2-Nitrophenol-d4	9.782	143	64657	26.948	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.329	165	143704	27.503	ng/u1	0.00
31) 4-Chloroaniline-d4	10.834	131	167794	23.362	ng/u1	0.00
46) Dimethylphthalate-d6	13.942	166	473047	22.512	ng/u1	0.00
49) Acenaphthylene-d8	14.230	160	549606	23.550	ng/u1	0.00
54) 4-Nitrophenol-d4	14.741	143	86738	24.299	ng/u1	0.00
60) Fluorene-d10	15.528	176	436488	23.051	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.652	200	96044	26.726	ng/u1	0.00
73) Anthracene-d10	17.385	188	711748	24.140	ng/u1	0.00
81) Pyrene-d10	19.671	212	855000	23.758	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.377	264	918287	24.272	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.395	88	21284	10.889	ng/uL#	93
5) Pyridine	3.789	79	159043	27.315	ng/u1	99
6) Benzaldehyde	7.044	77	159365	41.930	ng/u1#	82
8) Phenol	7.103	94	229888	31.991	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.326	93	154047	28.358	ng/u1	98
12) 2-Chlorophenol	7.473	128	166811	32.400	ng/u1	96
13) 2-Methylphenol	8.354	108	166729	30.941	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.425	45	288335	29.489	ng/u1#	95
16) Acetophenone	8.719	105	595817m	63.636	ng/u1	
17) N-Nitroso-di-n-propyla...	8.713	70	174427	35.588	ng/u1#	89
18) 4-Methylphenol	8.678	108	182890	30.168	ng/u1	96
19) Hexachloroethane	8.989	117	113489	54.757	ng/u1	97
22) Nitrobenzene	9.101	77	212178	35.751	ng/u1#	97
23) Isophorone	9.629	82	456804	37.647	ng/u1#	94
25) 2-Nitrophenol	9.812	139	93572	35.385	ng/u1#	92
26) 2,4-Dimethylphenol	9.882	107	184537	32.658	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.105	93	215108	31.721	ng/u1	99
29) 2,4-Dichlorophenol	10.352	162	190695	37.054	ng/u1	93
30) Naphthalene	10.752	128	772776	46.954	ng/u1	99
32) 4-Chloroaniline	10.857	127	178983	25.057	ng/u1	98
33) Hexachlorobutadiene	11.039	225	171501	40.003	ng/u1	92
34) Caprolactam	11.727	113	104910m	55.311	ng/u1	
35) 4-Chloro-3-methylphenol	11.991	107	205256	36.562	ng/u1	99
36) 2-Methylnaphthalene	12.361	142	824165	67.850	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.579	142	682038	54.816	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.726	216	319919	34.103	ng/ul	96
40) Hexachlorocyclopentadiene	12.708	237	165567	34.493	ng/ul	96
41) 2,4,6-Trichlorophenol	12.967	196	202584	35.653	ng/ul	98
42) 2,4,5-Trichlorophenol	13.043	196	212403	34.816	ng/ul	95
43) 1,1'-Biphenyl	13.372	154	605122	31.535	ng/ul	100
44) 2-Chloronaphthalene	13.407	162	490258	31.420	ng/ul	98
45) 2-Nitroaniline	13.613	65	146450	34.204	ng/ul	99
47) Dimethylphthalate	13.989	163	628127	29.026	ng/ul	99
48) 2,6-Dinitrotoluene	14.106	165	124702	32.709	ng/ul	99
50) Acenaphthylene	14.259	152	750550	30.462	ng/ul	97
51) 3-Nitroaniline	14.435	138	101312	26.542	ng/ul#	93
52) Acenaphthene	14.600	153	553483	31.714	ng/ul	98
53) 2,4-Dinitrophenol	14.647	184	89659	35.614	ng/ul	96
55) 4-Nitrophenol	14.753	109	113318	35.316	ng/ul	96
56) Dibenzofuran	14.935	168	780894	30.120	ng/ul	96
57) 2,4-Dinitrotoluene	14.900	165	182097	30.549	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.170	232	919011	148.646	ng/ul	99
59) Diethylphthalate	15.358	149	616962	28.900	ng/ul	99
61) Fluorene	15.587	166	637890	31.320	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.575	204	354041	29.635	ng/ul	95
63) 4-Nitroaniline	15.605	138	116768m	28.428	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.663	198	126875	34.060	ng/ul#	82
67) N-Nitrosodiphenylamine	15.793	169	633592	39.544	ng/ul	97
68) 4-Bromophenyl-phenylether	16.468	248	239409	33.302	ng/ul	96
69) Hexachlorobenzene	16.592	284	266244	32.437	ng/ul#	93
70) Atrazine	16.762	200	216253	30.304	ng/ul	96
71) Pentachlorophenol	16.974	266	6059485	1234.225	ng/ul#	83
72) Phenanthrene	17.332	178	1188503	36.582	ng/ul	99
74) Anthracene	17.420	178	1015608	30.664	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.331	216	311661	36.530	ng/ul	98
76) Pentachlorobenzene	14.859	250	317942	33.630	ng/ul	97
77) Carbazole	17.685	167	859532	31.295	ng/ul	98
78) Di-n-butylphthalate	18.243	149	1036728	31.917	ng/ul	98
80) Fluoranthene	19.336	202	1247011	31.287	ng/ul	99
82) Pyrene	19.700	202	1317512	30.708	ng/ul	99
83) Butylbenzylphthalate	20.587	149	449106	35.262	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.421	252	373774	27.761	ng/ul	100
85) Benzo(a)anthracene	21.504	228	1399596	31.467	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.421	149	683434	36.442	ng/ul	100
87) Chrysene	21.568	228	1325138	31.403	ng/ul	99
89) Di-n-octyl phthalate	22.579	149	1131665	33.955	ng/ul	100
90) Benzo(b)fluoranthene	23.619	252	1378652	31.164	ng/ul	98
91) Benzo(k)fluoranthene	23.683	252	1420219	31.353	ng/ul	96
93) Benzo(a)pyrene	24.447	252	1292658	30.980	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.043	276	1715223	33.364	ng/ul	98
95) Dibenzo(a,h)anthracene	28.102	278	1391515	33.698	ng/ul	99
96) Benzo(g,h,i)perylene	29.124	276	1329617	33.487	ng/ul	97

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

