

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062864.D
 Acq On : 16 Sep 2024 3:20
 Operator : JU/RC
 Sample : P3899-07MS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC00MS

Quant Time: Sep 16 05:52:48 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/16/2024
 Supervised By :mohammad ahmed 09/17/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	43925	20.000	ng/u1	0.00
20) Naphthalene-d8	10.696	136	171726	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.532	164	144700	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.282	188	361041	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.524	240	401705	20.000	ng/u1	# 0.00
88) Perylene-d12	24.585	264	461098	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	3152	3.244	ng/uL	0.00
4) Pyridine-d5	3.768	84	48341	15.629	ng/u1	0.00
7) Phenol-d5	7.076	99	81699	21.211	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.229	67	42658	18.473	ng/u1	0.00
11) 2-Chlorophenol-d4	7.441	132	61865	22.051	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	72540	22.600	ng/u1	0.00
21) Nitrobenzene-d5	9.056	128	32637	26.591	ng/u1	0.00
24) 2-Nitrophenol-d4	9.779	143	36814	27.426	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	82831	28.336	ng/u1	0.00
31) 4-Chloroaniline-d4	10.831	131	91419	22.752	ng/u1	0.00
46) Dimethylphthalate-d6	13.939	166	261013	23.424	ng/u1	0.00
49) Acenaphthylene-d8	14.227	160	293526	23.718	ng/u1	0.00
54) 4-Nitrophenol-d4	14.738	143	43007	22.720	ng/u1	0.00
60) Fluorene-d10	15.525	176	239221	23.824	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.666	200	153381	73.855	ng/u1	0.02
73) Anthracene-d10	17.382	188	414161	24.307	ng/u1	0.00
81) Pyrene-d10	19.667	212	522624	23.120	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.380	264	609197	25.021	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.392	88	10448	9.594	ng/uL#	92
5) Pyridine	3.792	79	79855	24.614	ng/u1	93
6) Benzaldehyde	7.041	77	71781	33.896	ng/u1	91
8) Phenol	7.106	94	114736	28.656	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.323	93	75067	24.801	ng/u1	99
12) 2-Chlorophenol	7.470	128	84469	29.446	ng/u1	97
13) 2-Methylphenol	8.351	108	86755	28.895	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.422	45	131630	24.162	ng/u1#	94
16) Acetophenone	8.716	105	243749	46.724	ng/u1#	80
17) N-Nitroso-di-n-propyla...	8.704	70	86261	31.587	ng/u1#	95
18) 4-Methylphenol	8.674	108	99375	29.420	ng/u1	96
19) Hexachloroethane	8.980	117	48629	42.110	ng/u1	84
22) Nitrobenzene	9.097	77	116088	34.963	ng/u1#	97
23) Isophorone	9.620	82	235526	34.696	ng/u1#	96
25) 2-Nitrophenol	9.808	139	52876	35.741	ng/u1#	86
26) 2,4-Dimethylphenol	9.879	107	87178	27.577	ng/u1	88
27) Bis(2-Chloroethoxy)met...	10.102	93	109529	28.871	ng/u1	98
29) 2,4-Dichlorophenol	10.349	162	105229	36.549	ng/u1	97
30) Naphthalene	10.748	128	330062	35.847	ng/u1	98
32) 4-Chloroaniline	10.854	127	99100	24.799	ng/u1	96
33) Hexachlorobutadiene	11.030	225	105050	43.798	ng/u1	91
34) Caprolactam	11.759	113	40998m	38.636	ng/u1	
35) 4-Chloro-3-methylphenol	11.988	107	111328	35.446	ng/u1	98
36) 2-Methylnaphthalene	12.352	142	319568	47.026	ng/u1	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.576	142	280760	40.334	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.723	216	186389	37.468	ng/ul	97
40) Hexachlorocyclopentadiene	12.705	237	88713	34.853	ng/ul	96
41) 2,4,6-Trichlorophenol	12.963	196	112127	37.212	ng/ul	98
42) 2,4,5-Trichlorophenol	13.040	196	129227	39.945	ng/ul	96
43) 1,1'-Biphenyl	13.363	154	316468	31.101	ng/ul	98
44) 2-Chloronaphthalene	13.404	162	261098	31.555	ng/ul	97
45) 2-Nitroaniline	13.610	65	79394	34.968	ng/ul	94
47) Dimethylphthalate	13.986	163	337226	29.387	ng/ul	99
48) 2,6-Dinitrotoluene	14.109	165	71660	35.445	ng/ul	90
50) Acenaphthylene	14.256	152	387236	29.638	ng/ul	99
51) 3-Nitroaniline	14.438	138	54039	26.698	ng/ul#	99
52) Acenaphthene	14.597	153	280865	30.348	ng/ul	98
53) 2,4-Dinitrophenol	14.644	184	43539	32.614	ng/ul	92
55) 4-Nitrophenol	14.755	109	72194	42.429	ng/ul#	77
56) Dibenzofuran	14.932	168	412969	30.038	ng/ul	95
57) 2,4-Dinitrotoluene	14.897	165	102432	32.406	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.161	232	339039	103.412	ng/ul#	96
59) Diethylphthalate	15.355	149	330153	29.164	ng/ul	99
61) Fluorene	15.578	166	331975	30.738	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.572	204	208893	32.973	ng/ul	98
63) 4-Nitroaniline	15.602	138	63076m	28.959	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.666	198	355663	165.214	ng/ul#	72
67) N-Nitrosodiphenylamine	15.790	169	306081	33.056	ng/ul	97
68) 4-Bromophenyl-phenylether	16.465	248	150536	36.234	ng/ul	97
69) Hexachlorobenzene	16.589	284	172202	36.302	ng/ul	98
70) Atrazine	16.747	200	130121	31.552	ng/ul	97
71) Pentachlorophenol	16.959	266	2709638	955.020	ng/ul	93
72) Phenanthrene	17.323	178	629922	33.551	ng/ul	100
74) Anthracene	17.417	178	576827	30.136	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.328	216	182488	37.012	ng/ul	97
76) Pentachlorobenzene	14.855	250	196040	35.881	ng/ul	98
77) Carbazole	17.681	167	480286	30.259	ng/ul	96
78) Di-n-butylphthalate	18.240	149	560137	29.839	ng/ul	98
80) Fluoranthene	19.332	202	718404	28.695	ng/ul#	95
82) Pyrene	19.697	202	760231	28.209	ng/ul#	94
83) Butylbenzylphthalate	20.584	149	252904	31.612	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.424	252	188917	22.338	ng/ul	95
85) Benzo(a)anthracene	21.506	228	856661	30.662	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.418	149	376905	31.995	ng/ul	100
87) Chrysene	21.571	228	814965	30.747	ng/ul	98
89) Di-n-octyl phthalate	22.576	149	628018	29.281	ng/ul	100
90) Benzo(b)fluoranthene	23.622	252	891970	31.332	ng/ul#	98
91) Benzo(k)fluoranthene	23.686	252	876156	30.057	ng/ul#	97
93) Benzo(a)pyrene	24.444	252	825988	30.761	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.052	276	1120101	33.857	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.110	278	906976	34.131	ng/ul#	97
96) Benzo(g,h,i)perylene	29.127	276	869769	34.040	ng/ul#	96

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

