

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070823\
 Data File : BG058089.D
 Acq On : 8 Jul 2023 11:36
 Operator : CG/JU
 Sample : 03348-07MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YBTY3MS

Quant Time: Jul 09 01:03:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:01:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2023
 Supervised By :mohammad ahmed 07/09/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	33096	20.000	ng/u1	0.00
20) Naphthalene-d8	10.719	136	155326	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.556	164	114238	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.299	188	279582	20.000	ng/u1	0.00
79) Chrysene-d12	21.553	240	235660	20.000	ng/u1	0.00
88) Perylene-d12	24.714	264	296490	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	5514	5.834	ng/uL	0.00
4) Pyridine-d5	3.762	84	76946	26.816	ng/u1	0.00
7) Phenol-d5	7.082	99	119906	35.476	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.241	67	68321	33.542	ng/u1	0.00
11) 2-Chlorophenol-d4	7.452	132	79760	34.215	ng/u1	0.00
15) 4-Methylphenol-d8	8.627	113	92786	36.382	ng/u1	0.00
21) Nitrobenzene-d5	9.080	128	43211	34.133	ng/u1	0.00
24) 2-Nitrophenol-d4	9.802	143	48740	36.632	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.343	165	93933	36.802	ng/u1	0.00
31) 4-Chloroaniline-d4	10.854	131	124114	32.072	ng/u1	0.00
46) Dimethylphthalate-d6	13.956	166	313155	34.743	ng/u1	0.00
49) Acenaphthylene-d8	14.250	160	343075	34.880	ng/u1	0.00
54) 4-Nitrophenol-d4	14.761	143	49237	30.919	ng/u1	0.00
60) Fluorene-d10	15.549	176	279681	36.536	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.666	200	52144	34.347	ng/u1	0.00
73) Anthracene-d10	17.399	188	465734	35.899	ng/u1	0.00
81) Pyrene-d10	19.685	212	531355	35.801	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.497	264	557746	36.923	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.392	88	15272	13.080	ng/uL#	88
5) Pyridine	3.786	79	104997	35.714	ng/u1	96
6) Benzaldehyde	7.053	77	71495	63.340	ng/u1	97
8) Phenol	7.111	94	140166	40.866	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.335	93	102586	38.737	ng/u1	97
12) 2-Chlorophenol	7.482	128	94281	38.866	ng/u1	97
13) 2-Methylphenol	8.363	108	109404	40.615	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.445	45	167824	41.168	ng/u1	97
16) Acetophenone	8.739	105	172098	40.673	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.721	70	90776	40.131	ng/u1	96
18) 4-Methylphenol	8.692	108	120822	41.481	ng/u1	97
19) Hexachloroethane	9.003	117	35784	38.479	ng/u1	95
22) Nitrobenzene	9.121	77	128494	39.098	ng/u1	97
23) Isophorone	9.638	82	276284	39.398	ng/u1	99
25) 2-Nitrophenol	9.832	139	58444	40.936	ng/u1	91
26) 2,4-Dimethylphenol	9.891	107	131011	40.808	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.126	93	152565	38.608	ng/u1	99
29) 2,4-Dichlorophenol	10.372	162	103147	41.564	ng/u1	98
30) Naphthalene	10.772	128	337955	38.716	ng/u1	99
32) 4-Chloroaniline	10.883	127	124990	31.588	ng/u1	100
33) Hexachlorobutadiene	11.054	225	69335	39.464	ng/u1	98
34) Caprolactam	11.641	113	40396m	40.488	ng/u1	
35) 4-Chloro-3-methylphenol	12.012	107	132578	43.490	ng/u1	97
36) 2-Methylnaphthalene	12.382	142	235973	40.103	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.599	142	237431	40.238	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.746	216	141332	40.597	ng/ul	97
40) Hexachlorocyclopentadiene	12.723	237	74259	33.865	ng/ul	99
41) 2,4,6-Trichlorophenol	12.993	196	98832	41.886	ng/ul	96
42) 2,4,5-Trichlorophenol	13.063	196	106208	41.621	ng/ul	100
43) 1,1'-Biphenyl	13.392	154	319471	38.806	ng/ul	99
44) 2-Chloronaphthalene	13.433	162	259647	39.298	ng/ul	98
45) 2-Nitroaniline	13.639	65	96596	42.050	ng/ul	96
47) Dimethylphthalate	14.009	163	355370	39.243	ng/ul	100
48) 2,6-Dinitrotoluene	14.133	165	76919	41.381	ng/ul	97
50) Acenaphthylene	14.280	152	418903	39.439	ng/ul	99
51) 3-Nitroaniline	14.462	138	73807	46.986	ng/ul	98
52) Acenaphthene	14.620	153	290575	39.868	ng/ul	98
53) 2,4-Dinitrophenol	14.667	184	42248	43.597	ng/ul	95
55) 4-Nitrophenol	14.773	109	45923	38.927	ng/ul	91
56) Dibenzofuran	14.955	168	409380	39.513	ng/ul	98
57) 2,4-Dinitrotoluene	14.920	165	108013	41.014	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.178	232	97548	41.992	ng/ul	98
59) Diethylphthalate	15.366	149	369147	39.057	ng/ul	99
61) Fluorene	15.601	166	339755	39.967	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.596	204	184999	41.128	ng/ul	98
63) 4-Nitroaniline	15.625	138	75558	53.694	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.684	198	66333	42.726	ng/ul	100
67) N-Nitrosodiphenylamine	15.807	169	293718	39.475	ng/ul	99
68) 4-Bromophenyl-phenylether	16.489	248	129226	42.108	ng/ul	97
69) Hexachlorobenzene	16.606	284	146499	42.637	ng/ul	99
70) Atrazine	16.753	200	97982	32.203	ng/ul	97
71) Pentachlorophenol	16.953	266	81477	39.498	ng/ul	96
72) Phenanthrene	17.341	178	556596	39.138	ng/ul	98
74) Anthracene	17.435	178	562043	39.054	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.357	216	150768	40.661	ng/uL	99
76) Pentachlorobenzene	14.879	250	370241	93.494	ng/uL	98
77) Carbazole	17.705	167	507135	38.963	ng/ul	98
78) Di-n-butylphthalate	18.257	149	654995	39.506	ng/ul	99
80) Fluoranthene	19.356	202	664439	38.634	ng/ul	99
82) Pyrene	19.720	202	662212	38.252	ng/ul	99
83) Butylbenzylphthalate	20.602	149	284301	40.499	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.453	252	250880	43.974	ng/ul	97
85) Benzo(a)anthracene	21.536	228	672782	39.761	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.436	149	411378	40.893	ng/ul	98
87) Chrysene	21.600	228	637786	40.208	ng/ul	98
89) Di-n-octyl phthalate	22.623	149	723607	39.721	ng/ul	100
90) Benzo(b)fluoranthene	23.704	252	710441	38.699	ng/ul	99
91) Benzo(k)fluoranthene	23.774	252	698025	38.792	ng/ul	99
93) Benzo(a)pyrene	24.562	252	631529	38.867	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.304	276	852901	39.529	ng/ul	99
95) Dibenzo(a,h)anthracene	28.363	278	709405	39.871	ng/ul	98
96) Benzo(g,h,i)perylene	29.432	276	698017	39.607	ng/ul	100

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

