

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
 Data File : BG058448.D
 Acq On : 25 Jul 2023 16:10
 Operator : CG/JU
 Sample : 03534-23MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4737MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023

Quant Time: Jul 26 00:17:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 24 22:10:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.815	152	40623	20.000	ng/u1	0.00
20) Naphthalene-d8	10.617	136	200964	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.460	164	149021	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.209	188	341719	20.000	ng/u1	0.00
79) Chrysene-d12	21.452	240	281607	20.000	ng/u1	0.00
88) Perylene-d12	24.513	264	356722	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.238	96	5954	5.395	ng/uL	0.00
4) Pyridine-d5	3.649	84	77068	23.525	ng/u1	0.00
7) Phenol-d5	6.986	99	120091	31.163	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.145	67	74049	30.743	ng/u1	0.00
11) 2-Chlorophenol-d4	7.350	132	88228	32.707	ng/u1	0.00
15) 4-Methylphenol-d8	8.531	113	84540	28.761	ng/u1	0.00
21) Nitrobenzene-d5	8.978	128	46741	31.030	ng/u1	0.00
24) 2-Nitrophenol-d4	9.701	143	55046	33.473	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.241	165	111721	35.439	ng/u1	0.00
31) 4-Chloroaniline-d4	10.758	131	79937	17.491	ng/u1	0.00
46) Dimethylphthalate-d6	13.866	166	384460	33.456	ng/u1	0.00
49) Acenaphthylene-d8	14.154	160	430680	35.763	ng/u1	0.00
54) 4-Nitrophenol-d4	14.677	143	56063	32.304	ng/u1	0.00
60) Fluorene-d10	15.453	176	339433	35.678	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.582	200	62402	35.843	ng/u1	0.00
73) Anthracene-d10	17.309	188	510083	34.546	ng/u1	0.00
81) Pyrene-d10	19.601	212	631152	37.947	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.307	264	628340	36.444	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.273	88	17158	13.705	ng/uL	88
5) Pyridine	3.672	79	81834	23.654	ng/u1	93
6) Benzaldehyde	6.951	77	92756m	59.601	ng/u1	
8) Phenol	7.016	94	144587	36.129	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.239	93	104978	34.241	ng/u1	98
12) 2-Chlorophenol	7.380	128	101004	35.771	ng/u1	98
13) 2-Methylphenol	8.267	108	94042	30.151	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.343	45	176897m	35.209	ng/u1	
16) Acetophenone	8.637	105	195365	39.027	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.620	70	99393	36.279	ng/u1	98
18) 4-Methylphenol	8.596	108	111948	33.026	ng/u1	99
19) Hexachloroethane	8.896	117	40621	36.497	ng/u1	95
22) Nitrobenzene	9.019	77	135860	33.821	ng/u1	97
23) Isophorone	9.536	82	308266	34.228	ng/u1	100
25) 2-Nitrophenol	9.730	139	66266	37.725	ng/u1	93
26) 2,4-Dimethylphenol	9.795	107	21648m	5.527	ng/u1	
27) Bis(2-Chloroethoxy)met...	10.024	93	166880	34.987	ng/u1	98
29) 2,4-Dichlorophenol	10.271	162	113371	37.890	ng/u1	96
30) Naphthalene	10.670	128	390002	36.307	ng/u1	100
32) 4-Chloroaniline	10.782	127	91640	19.619	ng/u1	100
33) Hexachlorobutadiene	10.946	225	77016	35.997	ng/u1	98
34) Caprolactam	11.540	113	46543m	37.452	ng/u1	
35) 4-Chloro-3-methylphenol	11.910	107	143730	37.746	ng/u1	96
36) 2-Methylnaphthalene	12.280	142	280104	38.921	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.503	142	281097	38.110	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.650	216	168205	38.992	ng/ul	99
40) Hexachlorocyclopentadiene	12.627	237	52220	22.507	ng/ul	96
41) 2,4,6-Trichlorophenol	12.897	196	116149	39.773	ng/ul	99
42) 2,4,5-Trichlorophenol	12.973	196	126717	40.693	ng/ul	100
43) 1,1'-Biphenyl	13.296	154	377922	37.504	ng/ul	100
44) 2-Chloronaphthalene	13.338	162	307349	38.362	ng/ul	97
45) 2-Nitroaniline	13.549	65	106728	38.350	ng/ul	97
47) Dimethylphthalate	13.919	163	506803	43.908	ng/ul	99
48) 2,6-Dinitrotoluene	14.043	165	92219	41.345	ng/ul	96
50) Acenaphthylene	14.184	152	484868	37.300	ng/ul	100
51) 3-Nitroaniline	14.372	138	67056	36.075	ng/ul	88
52) Acenaphthene	14.530	153	353570	39.176	ng/ul	98
53) 2,4-Dinitrophenol	14.583	184	45668	38.471	ng/ul	95
55) 4-Nitrophenol	14.689	109	49466	37.010	ng/ul	91
56) Dibenzofuran	14.859	168	493124	38.372	ng/ul	100
57) 2,4-Dinitrotoluene	14.836	165	130537	40.577	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.088	232	114117	39.664	ng/ul#	97
59) Diethylphthalate	15.282	149	439261	36.940	ng/ul	99
61) Fluorene	15.511	166	407825	38.698	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.506	204	214392	38.320	ng/ul	97
63) 4-Nitroaniline	15.541	138	65661	39.039	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.600	198	76057	42.462	ng/ul	97
67) N-Nitrosodiphenylamine	15.717	169	321768	37.986	ng/ul	100
68) 4-Bromophenyl-phenylether	16.399	248	152120	42.028	ng/ul	95
69) Hexachlorobenzene	16.516	284	169086	41.400	ng/ul	99
70) Atrazine	16.669	200	109886	33.088	ng/ul	95
71) Pentachlorophenol	16.863	266	80375	35.059	ng/ul	95
72) Phenanthrene	17.251	178	759381	46.762	ng/ul	97
74) Anthracene	17.345	178	625491	38.367	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.261	216	171493	40.010	ng/uL	97
76) Pentachlorobenzene	14.783	250	182665	38.971	ng/uL	96
77) Carbazole	17.615	167	564944	39.976	ng/ul	100
78) Di-n-butylphthalate	18.167	149	759796	42.311	ng/ul	99
80) Fluoranthene	19.266	202	982658	51.571	ng/ul	99
82) Pyrene	19.630	202	972812	50.387	ng/ul	98
83) Butylbenzylphthalate	20.512	149	335366	44.113	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.352	252	95424	15.180	ng/ul	97
85) Benzo(a)anthracene	21.428	228	887466	46.886	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.334	149	510887	47.246	ng/ul	98
87) Chrysene	21.493	228	856688	47.716	ng/ul	97
89) Di-n-octyl phthalate	22.486	149	867206	45.690	ng/ul	100
90) Benzo(b)fluoranthene	23.549	252	958027	46.417	ng/ul	98
91) Benzo(k)fluoranthene	23.608	252	869150	42.223	ng/ul	100
93) Benzo(a)pyrene	24.378	252	785392	42.783	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.014	276	1074791	44.437	ng/ul	99
95) Dibenzo(a,h)anthracene	28.067	278	846589	42.685	ng/ul	98
96) Benzo(g,h,i)perylene	29.107	276	812441	41.228	ng/ul	98

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

