

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058299.D
 Acq On : 18 Jul 2023 13:35
 Operator : CG/JU
 Sample : 03444-08MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46Q1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :Sohil Jodhani 07/19/2023

Quant Time: Jul 19 04:42:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	36635	20.000	ng/u1	0.00
20) Naphthalene-d8	10.703	136	169353	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.533	164	124208	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.277	188	289928	20.000	ng/u1	0.00
79) Chrysene-d12	21.531	240	234964	20.000	ng/u1	0.00
88) Perylene-d12	24.663	264	299056	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	6084	6.112	ng/uL	0.00
4) Pyridine-d5	3.746	84	100660	34.072	ng/u1	0.00
7) Phenol-d5	7.060	99	149463	43.007	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.224	67	89679	41.286	ng/u1	0.00
11) 2-Chlorophenol-d4	7.430	132	103135	42.395	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	106040	40.002	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	54845	43.206	ng/u1	0.00
24) 2-Nitrophenol-d4	9.780	143	61419	44.320	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	117612	44.272	ng/u1	0.00
31) 4-Chloroaniline-d4	10.838	131	138205	35.886	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	377975	39.463	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	430390	42.879	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	62260	43.042	ng/u1	0.00
60) Fluorene-d10	15.526	176	340896	42.989	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	64789	43.861	ng/u1	0.00
73) Anthracene-d10	17.377	188	509427	40.665	ng/u1	0.00
81) Pyrene-d10	19.669	212	605795	43.652	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.451	264	616776	42.671	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	18594	16.469	ng/uL#	90
5) Pyridine	3.770	79	126913	40.677	ng/u1	96
6) Benzaldehyde	7.036	77	82179	58.552	ng/u1	99
8) Phenol	7.089	94	166499	46.133	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.318	93	122548	44.324	ng/u1	98
12) 2-Chlorophenol	7.465	128	113702	44.651	ng/u1	98
13) 2-Methylphenol	8.341	108	112096	39.851	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.423	45	202159m	44.617	ng/u1	
16) Acetophenone	8.717	105	199178	44.120	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.705	70	104222	42.182	ng/u1	96
18) 4-Methylphenol	8.670	108	128628	42.077	ng/u1	100
19) Hexachloroethane	8.975	117	44073	43.909	ng/u1	90
22) Nitrobenzene	9.105	77	152307	44.992	ng/u1	97
23) Isophorone	9.622	82	320682	42.253	ng/u1	99
25) 2-Nitrophenol	9.815	139	69066	46.658	ng/u1	95
26) 2,4-Dimethylphenol	9.868	107	54811	16.606	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.103	93	178193	44.333	ng/u1	98
29) 2,4-Dichlorophenol	10.350	162	116703	46.284	ng/u1	96
30) Naphthalene	10.750	128	406506	44.907	ng/u1	98
32) 4-Chloroaniline	10.861	127	119507	30.361	ng/u1	98
33) Hexachlorobutadiene	11.032	225	84132	46.662	ng/u1	98
34) Caprolactam	11.619	113	46111m	44.030	ng/u1	
35) 4-Chloro-3-methylphenol	11.989	107	143545	44.734	ng/u1	99
36) 2-Methylnaphthalene	12.360	142	276623	45.612	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.577	142	279139	44.909	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.730	216	163209	45.392	ng/ul	98
40) Hexachlorocyclopentadiene	12.706	237	69563	35.971	ng/ul	98
41) 2,4,6-Trichlorophenol	12.971	196	105689	43.422	ng/ul	98
42) 2,4,5-Trichlorophenol	13.041	196	117748	45.366	ng/ul	98
43) 1,1'-Biphenyl	13.370	154	371039	44.177	ng/ul	99
44) 2-Chloronaphthalene	13.411	162	298844	44.752	ng/ul	97
45) 2-Nitroaniline	13.617	65	107973	46.548	ng/ul	98
47) Dimethylphthalate	13.987	163	399064	41.480	ng/ul	100
48) 2,6-Dinitrotoluene	14.110	165	84698	45.559	ng/ul	96
50) Acenaphthylene	14.257	152	478491	44.163	ng/ul	100
51) 3-Nitroaniline	14.445	138	78742	50.824	ng/ul	95
52) Acenaphthene	14.598	153	335096	44.546	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	46556	47.054	ng/ul#	72
55) 4-Nitrophenol	14.757	109	50768	45.573	ng/ul	96
56) Dibenzofuran	14.933	168	464665	43.381	ng/ul	99
57) 2,4-Dinitrotoluene	14.904	165	121967	45.487	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.162	232	100673	41.982	ng/ul#	98
59) Diethylphthalate	15.350	149	410874	41.456	ng/ul	99
61) Fluorene	15.585	166	379413	43.194	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.573	204	202092	43.338	ng/ul	99
63) 4-Nitroaniline	15.609	138	79877	56.978	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.667	198	71509	47.054	ng/ul	100
67) N-Nitrosodiphenylamine	15.791	169	310795	43.245	ng/ul	99
68) 4-Bromophenyl-phenylether	16.467	248	139358	45.380	ng/ul	96
69) Hexachlorobenzene	16.590	284	153207	44.213	ng/ul	99
70) Atrazine	16.737	200	71125	25.242	ng/ul	99
71) Pentachlorophenol	16.931	266	78462	40.339	ng/ul	98
72) Phenanthrene	17.324	178	626322	45.458	ng/ul	99
74) Anthracene	17.418	178	574803	41.556	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.335	216	173580	47.731	ng/ul	97
76) Pentachlorobenzene	14.857	250	412137	103.634	ng/ul	97
77) Carbazole	17.683	167	545729	45.515	ng/ul	99
78) Di-n-butylphthalate	18.235	149	694793	45.603	ng/ul	99
80) Fluoranthene	19.334	202	738618	46.459	ng/ul	98
82) Pyrene	19.698	202	741686	46.042	ng/ul	99
83) Butylbenzylphthalate	20.579	149	298989	47.135	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.431	252	215985	41.179	ng/ul	98
85) Benzo(a)anthracene	21.514	228	714554	45.245	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.414	149	453549	50.270	ng/ul	100
87) Chrysene	21.578	228	689165	46.005	ng/ul	98
89) Di-n-octyl phthalate	22.589	149	751735	47.243	ng/ul	100
90) Benzo(b)fluoranthene	23.670	252	755590	43.668	ng/ul	98
91) Benzo(k)fluoranthene	23.734	252	764347	44.291	ng/ul	99
93) Benzo(a)pyrene	24.522	252	671257	43.617	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.241	276	908164	44.788	ng/ul	99
95) Dibenzo(a,h)anthracene	28.294	278	743059	44.689	ng/ul	99
96) Benzo(g,h,i)perylene	29.363	276	754726	45.684	ng/ul	99

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

