

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058005.D
 Acq On : 5 Jul 2023 4:04
 Operator : CG/JU
 Sample : 03248-21MSD
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

DCGK2MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023

Quant Time: Jul 05 04:46:30 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jul 04 05:09:13 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	49897	20.000	ng/u1	0.00
20) Naphthalene-d8	10.744	136	236751	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.575	164	158395	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.319	188	341002	20.000	ng/u1	0.00
79) Chrysene-d12	21.573	240	279816	20.000	ng/u1	0.00
88) Perylene-d12	24.740	264	342193	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	4219	2.961	ng/uL	0.00
4) Pyridine-d5	3.799	84	1509	0.349	ng/u1	0.01
7) Phenol-d5	7.107	99	101212	19.862	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.266	67	64631	21.047	ng/u1	0.00
11) 2-Chlorophenol-d4	7.472	132	76712	21.827	ng/u1	0.00
15) 4-Methylphenol-d8	8.647	113	58692	15.264	ng/u1	0.00
21) Nitrobenzene-d5	9.105	128	40691	21.088	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	45922	22.644	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.368	165	84766	21.788	ng/u1	0.00
31) 4-Chloroaniline-d4	10.879	131	65352	11.079	ng/u1	0.00
46) Dimethylphthalate-d6	13.976	166	262287	20.987	ng/u1	0.00
49) Acenaphthylene-d8	14.269	160	307675	22.561	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	40704	18.435	ng/u1	0.00
60) Fluorene-d10	15.568	176	232469	21.903	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.685	200	39255	21.200	ng/u1	0.00
73) Anthracene-d10	17.419	188	328233	20.744	ng/u1	0.00
81) Pyrene-d10	19.704	212	407611	23.130	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.522	264	405958	23.286	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.412	88	12879	7.316	ng/uL#	96
5) Pyridine	3.817	79	6613	1.492	ng/u1#	82
6) Benzaldehyde	7.078	77	71276	41.884	ng/u1	98
8) Phenol	7.137	94	129985	25.137	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.360	93	95167	23.835	ng/u1	96
12) 2-Chlorophenol	7.507	128	90085	24.632	ng/u1	98
13) 2-Methylphenol	8.382	108	72584	17.873	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.459	45	153645	24.999	ng/u1	98
16) Acetophenone	8.764	105	160014	25.083	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.741	70	80636	23.645	ng/u1	98
18) 4-Methylphenol	8.711	108	87449	19.914	ng/u1	93
19) Hexachloroethane	9.023	117	35222	25.122	ng/u1	96
22) Nitrobenzene	9.146	77	120340	24.023	ng/u1	96
23) Isophorone	9.663	82	241377	22.582	ng/u1	99
25) 2-Nitrophenol	9.857	139	54266	24.937	ng/u1	95
26) 2,4-Dimethylphenol	9.916	107	11502	2.351	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.145	93	137207	22.780	ng/u1	99
29) 2,4-Dichlorophenol	10.392	162	91889	24.293	ng/u1	91
30) Naphthalene	10.797	128	324981	24.426	ng/u1	99
32) 4-Chloroaniline	10.903	127	71889	11.920	ng/u1	99
33) Hexachlorobutadiene	11.073	225	66693	24.905	ng/u1	99
34) Caprolactam	11.661	113	31567m	20.757	ng/u1	
35) 4-Chloro-3-methylphenol	12.031	107	98389	21.175	ng/u1	99
36) 2-Methylnaphthalene	12.401	142	216478	24.137	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.624	142	218593	24.305	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.765	216	127579	26.430	ng/ul	99
40) Hexachlorocyclopentadiene	12.748	237	26811	8.818	ng/ul	98
41) 2,4,6-Trichlorophenol	13.012	196	81413	24.885	ng/ul	95
42) 2,4,5-Trichlorophenol	13.083	196	92030	26.011	ng/ul	96
43) 1,1'-Biphenyl	13.406	154	282993	24.792	ng/ul	99
44) 2-Chloronaphthalene	13.453	162	231335	25.252	ng/ul	99
45) 2-Nitroaniline	13.658	65	77742	24.408	ng/ul	94
47) Dimethylphthalate	14.023	163	291245	23.196	ng/ul	100
48) 2,6-Dinitrotoluene	14.146	165	62926	24.416	ng/ul	96
50) Acenaphthylene	14.299	152	357073	24.246	ng/ul	98
51) 3-Nitroaniline	14.481	138	55816	25.627	ng/ul	96
52) Acenaphthene	14.640	153	245332	24.277	ng/ul	97
53) 2,4-Dinitrophenol	14.687	184	28194	20.983	ng/ul	94
55) 4-Nitrophenol	14.792	109	36131	22.089	ng/ul	85
56) Dibenzofuran	14.975	168	351490	24.468	ng/ul	100
57) 2,4-Dinitrotoluene	14.933	165	88052	24.113	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.198	232	75154	23.333	ng/ul	99
59) Diethylphthalate	15.386	149	298838	22.804	ng/ul	99
61) Fluorene	15.621	166	282001	23.925	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.609	204	152687	24.482	ng/ul	98
63) 4-Nitroaniline	15.638	138	57757	29.602	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.703	198	46329	24.466	ng/ul	98
67) N-Nitrosodiphenylamine	15.826	169	226208	24.926	ng/ul	97
68) 4-Bromophenyl-phenylether	16.508	248	102539	27.394	ng/ul	98
69) Hexachlorobenzene	16.625	284	111604	26.631	ng/ul	98
70) Atrazine	16.767	200	42317	11.403	ng/ul	94
71) Pentachlorophenol	16.972	266	56775	22.566	ng/ul	97
72) Phenanthrene	17.360	178	441415	25.448	ng/ul	99
74) Anthracene	17.454	178	410445	23.383	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.376	216	127623	28.220	ng/uL	99
76) Pentachlorobenzene	14.892	250	135801	28.116	ng/uL	98
77) Carbazole	17.718	167	403148	25.395	ng/ul	99
78) Di-n-butylphthalate	18.271	149	504733	24.959	ng/ul	100
80) Fluoranthene	19.369	202	532383	26.071	ng/ul	99
82) Pyrene	19.734	202	530095	25.789	ng/ul	99
83) Butylbenzylphthalate	20.615	149	224648	26.951	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.467	252	100815	14.882	ng/ul	97
85) Benzo(a)anthracene	21.555	228	526291	26.195	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.455	149	341431	28.584	ng/ul	99
87) Chrysene	21.620	228	504689	26.797	ng/ul	99
89) Di-n-octyl phthalate	22.642	149	562216	26.740	ng/ul	100
90) Benzo(b)fluoranthene	23.735	252	562448	26.546	ng/ul	98
91) Benzo(k)fluoranthene	23.799	252	555610	26.754	ng/ul	98
93) Benzo(a)pyrene	24.593	252	483201	25.766	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.347	276	609149	24.461	ng/ul	98
95) Dibenzo(a,h)anthracene	28.406	278	515982	25.127	ng/ul	98
96) Benzo(g,h,i)perylene	29.487	276	404147	19.869	ng/ul	97

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

