

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
 Data File : BG059525.D
 Acq On : 28 Oct 2023 17:15
 Operator : MA/JU
 Sample : 04925-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

GCCW9MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023

Quant Time: Oct 30 02:52:56 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Oct 28 03:56:42 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.364	152	77072	20.000	ng/ul	0.00
20) Naphthalene-d8	11.208	136	332652	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.992	164	206638	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.742	188	428583	20.000	ng/ul	0.00
79) Chrysene-d12	22.078	240	363778	20.000	ng/ul	0.00
88) Perylene-d12	25.685	264	393166	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.658	96	7304m	3.546	ng/uL	0.00
4) Pyridine-d5	4.093	84	12729	2.211	ng/ul	0.00
7) Phenol-d5	7.471	99	157676	19.909	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.683	67	73939	20.325	ng/ul	0.00
11) 2-Chlorophenol-d4	7.877	132	133538	20.783	ng/ul	0.00
15) 4-Methylphenol-d8	9.046	113	114234	18.180	ng/ul	0.00
21) Nitrobenzene-d5	9.557	128	55743	23.567	ng/ul	0.00
24) 2-Nitrophenol-d4	10.274	143	59044	24.316	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.803	165	127918	23.911	ng/ul	0.00
31) 4-Chloroaniline-d4	11.349	131	121087	13.749	ng/ul	0.00
46) Dimethylphthalate-d6	14.387	166	383771	20.500	ng/ul	0.00
49) Acenaphthylene-d8	14.692	160	464431	21.139	ng/ul	0.00
54) 4-Nitrophenol-d4	15.150	143	73186	22.797	ng/ul	0.00
60) Fluorene-d10	15.979	176	339005	21.189	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.079	200	47552	23.429	ng/ul	0.00
73) Anthracene-d10	17.841	188	494073m	21.279	ng/ul	0.00
81) Pyrene-d10	20.109	212	560235	22.156	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.438	264	500417	21.615	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.699	88	18161m	7.877	ng/uL	
5) Pyridine	4.122	79	4934m	0.869	ng/ul	
6) Benzaldehyde	7.506	77	90991	25.507	ng/ul	98
8) Phenol	7.495	94	197574	26.461	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.777	93	141829	25.903	ng/ul	93
12) 2-Chlorophenol	7.906	128	153026	24.023	ng/ul	95
13) 2-Methylphenol	8.776	108	145773	23.420	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.881	45	117444m	22.793	ng/ul	
16) Acetophenone	9.204	105	297280	30.014	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.169	70	105741	22.657	ng/ul#	96
18) 4-Methylphenol	9.105	108	153105	23.118	ng/ul	94
19) Hexachloroethane	9.451	117	63047	24.920	ng/ul#	74
22) Nitrobenzene	9.604	77	145375	28.475	ng/ul	98
23) Isophorone	10.109	82	320006	24.890	ng/ul#	92
25) 2-Nitrophenol	10.309	139	75655	28.971	ng/ul#	73
26) 2,4-Dimethylphenol	10.333	107	90329	13.150	ng/ul	90
27) Bis(2-Chloroethoxy)met...	10.597	93	176228	24.617	ng/ul	97
29) 2,4-Dichlorophenol	10.832	162	135139	26.110	ng/ul	90
30) Naphthalene	11.261	128	518866	25.025	ng/ul#	98
32) 4-Chloroaniline	11.378	127	144287	17.248	ng/ul	100
33) Hexachlorobutadiene	11.496	225	77278	24.888	ng/ul	94
34) Caprolactam	12.148	113	50099m	26.459	ng/ul	
35) 4-Chloro-3-methylphenol	12.436	107	173221	28.050	ng/ul	96
36) 2-Methylnaphthalene	12.841	142	368510	25.835	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.059	142	365306	25.712	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.176	216	153258	25.714	ng/ul	97
40) Hexachlorocyclopentadiene	13.135	237	83045	23.903	ng/ul	94
41) 2,4,6-Trichlorophenol	13.417	196	107898	26.145	ng/ul	89
42) 2,4,5-Trichlorophenol	13.488	196	119150	26.668	ng/ul	96
43) 1,1'-Biphenyl	13.828	154	465388	24.896	ng/ul	95
44) 2-Chloronaphthalene	13.881	162	353883	24.357	ng/ul	95
45) 2-Nitroaniline	14.087	65	84057	31.094	ng/ul	94
47) Dimethylphthalate	14.434	163	451610	24.417	ng/ul	97
48) 2,6-Dinitrotoluene	14.569	165	84042	30.122	ng/ul#	86
50) Acenaphthylene	14.722	152	630623	24.913	ng/ul	98
51) 3-Nitroaniline	14.910	138	90006	25.881	ng/ul#	81
52) Acenaphthene	15.056	153	403403	24.448	ng/ul	96
53) 2,4-Dinitrophenol	15.098	184	44069	27.798	ng/ul	93
55) 4-Nitrophenol	15.168	109	103218	29.174	ng/ul	97
56) Dibenzofuran	15.385	168	535505	25.033	ng/ul	98
57) 2,4-Dinitrotoluene	15.344	165	116205	29.609	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.591	232	96139	27.415	ng/ul	94
59) Diethylphthalate	15.779	149	497697	24.667	ng/ul	96
61) Fluorene	16.032	166	451436	24.445	ng/ul#	94
62) 4-Chlorophenyl-phenyle...	16.020	204	197120	24.976	ng/ul	98
63) 4-Nitroaniline	16.067	138	103760m	28.113	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.096	198	64508	30.157	ng/ul#	85
67) N-Nitrosodiphenylamine	16.237	169	385916	26.353	ng/ul	96
68) 4-Bromophenyl-phenylether	16.919	248	112002	26.116	ng/ul	95
69) Hexachlorobenzene	17.001	284	136222	27.483	ng/ul	97
70) Atrazine	17.172	200	126018	27.770	ng/ul#	87
71) Pentachlorophenol	17.354	266	82233	29.041	ng/ul	89
72) Phenanthrene	17.783	178	717674	25.758	ng/ul	98
74) Anthracene	17.877	178	700998m	24.918	ng/ul	
75) 1,2,3,4-Tetrachloroben...	13.787	216	148083	25.946	ng/uL	92
76) Pentachlorobenzene	15.280	250	134572	24.848	ng/uL	93
77) Carbazole	18.147	167	694029	28.718	ng/ul	95
78) Di-n-butylphthalate	18.664	149	863808	26.014	ng/ul	99
80) Fluoranthene	19.774	202	770422	24.995	ng/ul	97
82) Pyrene	20.139	202	812635	25.382	ng/ul	99
83) Butylbenzylphthalate	21.008	149	403437	27.902	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.966	252	125136	13.228	ng/ul	99
85) Benzo(a)anthracene	22.054	228	748882	25.016	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.907	149	581372	26.947	ng/ul#	99
87) Chrysene	22.131	228	717318	25.759	ng/ul	96
89) Di-n-octyl phthalate	23.264	149	976335	28.363	ng/ul	100
90) Benzo(b)fluoranthene	24.522	252	746182m	26.182	ng/ul	
91) Benzo(k)fluoranthene	24.598	252	737420	25.904	ng/ul	99
93) Benzo(a)pyrene	25.515	252	678806	25.201	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	29.874	276	895248m	26.222	ng/ul	
95) Dibenzo(a,h)anthracene	29.980	278	746599m	26.477	ng/ul	
96) Benzo(g,h,i)perylene	31.208	276	655124	23.445	ng/ul	95

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

