

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
 Data File : BG059520.D
 Acq On : 28 Oct 2023 13:48
 Operator : MA/JU
 Sample : 04925-03MSD
 Misc :
 ALS Vial : 6 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 02:35:11 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	8.356	152	7967	20.000	ng/ul	0.00
20) Naphthalene-d8	11.212	136	35680	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.984	164	21944	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.739	188	51344m	20.000	ng/ul	0.00
79) Chrysene-d12	22.075	240	43386	20.000	ng/ul	0.00
88) Perylene-d12	25.677	264	44292m	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.662	96	6157	28.914	ng/uL	0.00
4) Pyridine-d5	4.102	84	9696	16.295	ng/ul	0.01
7) Phenol-d5	7.463	99	149238	182.288	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.680	67	68025	180.898	ng/ul	0.00
11) 2-Chlorophenol-d4	7.874	132	123828	186.435	ng/ul	0.00
15) 4-Methylphenol-d8	9.044	113	113320	174.466	ng/ul	0.00
21) Nitrobenzene-d5	9.561	128	56303	221.930	ng/ul	0.00
24) 2-Nitrophenol-d4	10.277	143	53640	205.956	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.800	165	117260	204.352	ng/ul	0.00
31) 4-Chloroaniline-d4	11.347	131	122012	129.169	ng/ul	0.00
46) Dimethylphthalate-d6	14.384	166	369277	185.746	ng/ul	0.00
49) Acenaphthylene-d8	14.690	160	451430	193.487	ng/ul	0.00
54) 4-Nitrophenol-d4	15.148	143	70898	207.957	ng/ul	0.00
60) Fluorene-d10	15.977	176	326940	192.427	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.082	200	46924	192.985	ng/ul	0.00
73) Anthracene-d10	17.839	188	512908	184.391	ng/ul	0.00
81) Pyrene-d10	20.107	212	558623	185.239	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.436	264	507815	194.703	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.697	88	14506	60.864	ng/uL#	55
5) Pyridine	4.120	79	4831m	8.231	ng/ul	
6) Benzaldehyde	7.504	77	85558	232.018	ng/ul	89
8) Phenol	7.498	94	180961	234.460	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.774	93	125781	222.229	ng/ul	98
12) 2-Chlorophenol	7.910	128	147725	224.348	ng/ul	97
13) 2-Methylphenol	8.779	108	138225	214.829	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.873	45	113550m	213.183	ng/ul	
16) Acetophenone	9.208	105	290735	283.960	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.173	70	98217	203.589	ng/ul#	98
18) 4-Methylphenol	9.108	108	150270	219.503	ng/ul	99
19) Hexachloroethane	9.449	117	54344	207.799	ng/ul	97
22) Nitrobenzene	9.602	77	137596	251.276	ng/ul	94
23) Isophorone	10.113	82	297972	216.077	ng/ul#	87
25) 2-Nitrophenol	10.313	139	69567	248.364	ng/ul#	88
26) 2,4-Dimethylphenol	10.330	107	84916	115.258	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.601	93	168348	219.249	ng/ul	93
29) 2,4-Dichlorophenol	10.830	162	135101	243.362	ng/ul	92
30) Naphthalene	11.264	128	502213	225.829	ng/ul#	95
32) 4-Chloroaniline	11.376	127	154922m	172.661	ng/ul	
33) Hexachlorobutadiene	11.499	225	75000	225.201	ng/ul	97
34) Caprolactam	12.152	113	49028	241.411	ng/ul#	80
35) 4-Chloro-3-methylphenol	12.434	107	161704	244.126	ng/ul	91
36) 2-Methylnaphthalene	12.839	142	339749	222.068	ng/ul	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.056	142	333449	218.817	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	13.186	216	145274	229.528	ng/ul	87
40) Hexachlorocyclopentadiene	13.133	237	81768	221.621	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.415	196	102035	232.817	ng/ul	85
42) 2,4,5-Trichlorophenol	13.485	196	111055	234.057	ng/ul	90
43) 1,1'-Biphenyl	13.826	154	440038	221.667	ng/ul	99
44) 2-Chloronaphthalene	13.879	162	342719	222.127	ng/ul	98
45) 2-Nitroaniline	14.091	65	80303	279.721	ng/ul	87
47) Dimethylphthalate	14.431	163	439864	223.944	ng/ul#	96
48) 2,6-Dinitrotoluene	14.572	165	72933	246.149	ng/ul#	71
50) Acenaphthylene	14.725	152	600687	223.455	ng/ul	96
51) 3-Nitroaniline	14.907	138	89189	241.495	ng/ul#	72
52) Acenaphthene	15.054	153	389274	222.153	ng/ul	98
53) 2,4-Dinitrophenol	15.095	184	45139	268.121	ng/ul	92
55) 4-Nitrophenol	15.166	109	100121	266.479	ng/ul	92
56) Dibenzofuran	15.389	168	512338	225.525	ng/ul	97
57) 2,4-Dinitrotoluene	15.348	165	110812	265.877	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.589	232	90417	242.795	ng/ul#	89
59) Diethylphthalate	15.783	149	498958	232.872	ng/ul	98
61) Fluorene	16.035	166	440639	224.683	ng/ul#	90
62) 4-Chlorophenyl-phenyle...	16.018	204	197402	235.524	ng/ul	97
63) 4-Nitroaniline	16.065	138	106098	270.698	ng/ul#	84
66) 4,6-Dinitro-2-methylph...	16.094	198	64610	252.129	ng/ul#	88
67) N-Nitrosodiphenylamine	16.235	169	391534	223.175	ng/ul	95
68) 4-Bromophenyl-phenylether	16.917	248	110404	214.884	ng/ul	91
69) Hexachlorobenzene	17.005	284	130613	219.964	ng/ul#	91
70) Atrazine	17.169	200	129298	237.840	ng/ul	90
71) Pentachlorophenol	17.351	266	81333	239.764	ng/ul	98
72) Phenanthrene	17.786	178	732519m	219.458	ng/ul	
74) Anthracene	17.874	178	721257	214.008	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.785	216	141889	207.519	ng/ul	92
76) Pentachlorobenzene	15.277	250	137441	211.833	ng/ul	93
77) Carbazole	18.151	167	727008	251.106	ng/ul	96
78) Di-n-butylphthalate	18.668	149	907173	228.047	ng/ul	98
80) Fluoranthene	19.778	202	803529	218.583	ng/ul	98
82) Pyrene	20.142	202	815726	213.629	ng/ul#	96
83) Butylbenzylphthalate	21.012	149	403035	233.717	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.970	252	126050	111.722	ng/ul#	94
85) Benzo(a)anthracene	22.058	228	766589	214.708	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.911	149	579312	225.137	ng/ul	99
87) Chrysene	22.128	228	713715	214.892	ng/ul	96
89) Di-n-octyl phthalate	23.268	149	991033	255.561	ng/ul	100
90) Benzo(b)fluoranthene	24.520	252	752396	234.347	ng/ul	98
91) Benzo(k)fluoranthene	24.596	252	742738	231.601	ng/ul	97
93) Benzo(a)pyrene	25.512	252	683102	225.113	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.878	276	920921m	239.435	ng/ul	
95) Dibenzo(a,h)anthracene	29.966	278	772086m	243.050	ng/ul	
96) Benzo(g,h,i)perylene	31.200	276	663109	210.648	ng/ul	97

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

