

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100423\
 Data File : BG059282.D
 Acq On : 4 Oct 2023 15:40
 Operator : MA/JU
 Sample : PB155817BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SLCS817

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023

Quant Time: Oct 04 23:42:36 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Sep 28 04:33:25 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.232	152	42368	20.000	ng/u1	0.00
20) Naphthalene-d8	11.070	136	210365	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.866	164	124790	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.609	188	276987	20.000	ng/u1	-0.01
79) Chrysene-d12	21.916	240	251830	20.000	ng/u1	0.00
88) Perylene-d12	25.394	264	288075	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.526	96	6794	6.052	ng/uL	0.00
4) Pyridine-d5	3.961	84	107002	32.668	ng/u1	0.00
7) Phenol-d5	7.363	99	158915	37.472	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.551	67	90149	33.275	ng/u1	0.00
11) 2-Chlorophenol-d4	7.750	132	114559	40.185	ng/u1	0.00
15) 4-Methylphenol-d8	8.931	113	119039	36.312	ng/u1	0.00
21) Nitrobenzene-d5	9.431	128	58256	39.244	ng/u1	0.00
24) 2-Nitrophenol-d4	10.148	143	68240	46.827	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.676	165	121171	40.476	ng/u1	0.00
31) 4-Chloroaniline-d4	11.217	131	169121	34.917	ng/u1	0.00
46) Dimethylphthalate-d6	14.260	166	351373	38.945	ng/u1	0.00
49) Acenaphthylene-d8	14.566	160	434150	38.337	ng/u1	0.00
54) 4-Nitrophenol-d4	15.059	143	63873	40.541	ng/u1	0.00
60) Fluorene-d10	15.853	176	325596	37.917	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.964	200	62381	43.814	ng/u1	0.00
73) Anthracene-d10	17.709	188	464924	36.838	ng/u1	-0.01
81) Pyrene-d10	19.983	212	538184	38.162	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.148	264	552681	39.924	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.567	88	14693	11.140	ng/uL#	79
5) Pyridine	3.984	79	99061	29.783	ng/u1	90
6) Benzaldehyde	7.380	77	76646	41.154	ng/u1	99
8) Phenol	7.392	94	165877	39.319	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.651	93	125147	36.169	ng/u1	92
12) 2-Chlorophenol	7.786	128	123428	41.063	ng/u1	97
13) 2-Methylphenol	8.661	108	119881	37.611	ng/u1	91
14) 2,2'-oxybis(1-Chloropr...	8.732	45	270267m	35.333	ng/u1	
16) Acetophenone	9.078	105	184115	36.263	ng/u1	99
17) N-Nitroso-di-n-propyla...	9.043	70	93975	36.490	ng/u1#	97
18) 4-Methylphenol	8.996	108	129360	38.304	ng/u1	98
19) Hexachloroethane	9.313	117	44897	37.915	ng/u1	86
22) Nitrobenzene	9.472	77	134589	36.729	ng/u1	94
23) Isophorone	9.983	82	290132	36.819	ng/u1	98
25) 2-Nitrophenol	10.183	139	72722	45.291	ng/u1	92
26) 2,4-Dimethylphenol	10.206	107	99728	29.047	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.465	93	188131	37.838	ng/u1	93
29) 2,4-Dichlorophenol	10.706	162	124688	41.900	ng/u1	96
30) Naphthalene	11.123	128	419292	37.174	ng/u1	99
32) 4-Chloroaniline	11.246	127	155224	33.514	ng/u1	94
33) Hexachlorobutadiene	11.352	225	74251	37.282	ng/u1	96
34) Caprolactam	12.034	113	38772m	37.655	ng/u1	
35) 4-Chloro-3-methylphenol	12.327	107	126566	39.862	ng/u1	96
36) 2-Methylnaphthalene	12.709	142	272939	36.939	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.927	142	273108	36.417	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	13.056	216	144055	38.558	ng/ul	98
40) Hexachlorocyclopentadiene	13.009	237	69967	30.360	ng/ul	98
41) 2,4,6-Trichlorophenol	13.297	196	96860	42.346	ng/ul	86
42) 2,4,5-Trichlorophenol	13.367	196	106617	44.421	ng/ul	95
43) 1,1'-Biphenyl	13.702	154	392188	38.914	ng/ul	100
44) 2-Chloronaphthalene	13.755	162	300259	39.570	ng/ul	96
45) 2-Nitroaniline	13.973	65	95554	44.644	ng/ul	97
47) Dimethylphthalate	14.307	163	368084	39.831	ng/ul	98
48) 2,6-Dinitrotoluene	14.454	165	74854	47.624	ng/ul	91
50) Acenaphthylene	14.601	152	470440	38.918	ng/ul	98
51) 3-Nitroaniline	14.795	138	79091	46.614	ng/ul#	97
52) Acenaphthene	14.930	153	325097	39.182	ng/ul	95
53) 2,4-Dinitrophenol	14.989	184	39347	45.034	ng/ul#	80
55) 4-Nitrophenol	15.077	109	46428	41.775	ng/ul#	77
56) Dibenzofuran	15.259	168	429673	39.068	ng/ul	98
57) 2,4-Dinitrotoluene	15.230	165	109375	46.997	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.471	232	97179	44.725	ng/ul	96
59) Diethylphthalate	15.653	149	351947	39.395	ng/ul	96
61) Fluorene	15.906	166	364993	39.524	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.888	204	183486	39.858	ng/ul	97
63) 4-Nitroaniline	15.958	138	77457	49.605	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.982	198	70024	46.645	ng/ul#	88
67) N-Nitrosodiphenylamine	16.111	169	292804	39.657	ng/ul	99
68) 4-Bromophenyl-phenylether	16.787	248	110263	41.091	ng/ul	94
69) Hexachlorobenzene	16.881	284	123992	40.901	ng/ul	95
70) Atrazine	17.045	200	104444	37.202	ng/ul	96
71) Pentachlorophenol	17.233	266	78093	44.760	ng/ul	98
72) Phenanthrene	17.656	178	594680	39.122	ng/ul	98
74) Anthracene	17.750	178	603019	38.419	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.661	216	145774	39.937	ng/uL	99
76) Pentachlorobenzene	15.153	250	135098	37.484	ng/uL	99
77) Carbazole	18.027	167	515924	40.330	ng/ul	98
78) Di-n-butylphthalate	18.526	149	632999	41.742	ng/ul	99
80) Fluoranthene	19.648	202	690912	39.769	ng/ul	98
82) Pyrene	20.012	202	717493	38.990	ng/ul	97
83) Butylbenzylphthalate	20.864	149	279569	43.081	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.805	252	247253	42.396	ng/ul	97
85) Benzo(a)anthracene	21.893	228	711775	40.151	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.722	149	423287	42.956	ng/ul	95
87) Chrysene	21.963	228	669444	39.983	ng/ul	99
89) Di-n-octyl phthalate	23.015	149	714054	42.619	ng/ul	100
90) Benzo(b)fluoranthene	24.266	252	721649	40.900	ng/ul	97
91) Benzo(k)fluoranthene	24.337	252	725921	40.605	ng/ul	99
93) Benzo(a)pyrene	25.230	252	688248	41.119	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.419	276	789073m	41.646	ng/ul	
95) Dibenzo(a,h)anthracene	29.490	278	648087	42.061	ng/ul	99
96) Benzo(g,h,i)perylene	30.700	276	637589	41.386	ng/ul	96

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

