

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
 Data File : BG056097.D
 Acq On : 24 Dec 2022 19:50
 Operator : CG/JU
 Sample : PB149812BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SLCS812

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

Quant Time: Dec 25 01:51:21 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Dec 24 22:54:38 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.350	152	38647	20.000	ng/u1	0.00
20) Naphthalene-d8	11.176	136	153330	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.954	164	136194	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.692	188	364358	20.000	ng/u1	0.00
79) Chrysene-d12	21.993	240	354855	20.000	ng/u1	0.00
88) Perylene-d12	25.460	264	384948	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.650	96	6157	6.669	ng/uL	0.00
4) Pyridine-d5	4.085	84	92819	30.834	ng/u1	0.00
7) Phenol-d5	7.475	99	116355	33.191	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.651	67	48626	35.193	ng/u1	0.00
11) 2-Chlorophenol-d4	7.868	132	74126	35.776	ng/u1	0.00
15) 4-Methylphenol-d8	9.038	113	89145	33.788	ng/u1	0.00
21) Nitrobenzene-d5	9.519	128	38643	34.603	ng/u1	0.00
24) 2-Nitrophenol-d4	10.248	143	47590	32.616	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.783	165	103608	31.955	ng/u1	0.00
31) 4-Chloroaniline-d4	11.300	131	99164	27.040	ng/u1	0.00
46) Dimethylphthalate-d6	14.343	166	350040	33.208	ng/u1	0.00
49) Acenaphthylene-d8	14.655	160	375140	31.514	ng/u1	0.00
54) 4-Nitrophenol-d4	15.119	143	54155	34.130	ng/u1	0.00
60) Fluorene-d10	15.941	176	319683	30.725	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.047	200	75734	32.334	ng/u1	0.00
73) Anthracene-d10	17.792	188	539518	32.043	ng/u1	0.00
81) Pyrene-d10	20.054	212	671922	34.286	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.225	264	667394	34.110	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.685	88	12390m	11.997	ng/uL	
5) Pyridine	4.102	79	90907	31.401	ng/u1	98
6) Benzaldehyde	7.469	77	68345	53.104	ng/u1	88
8) Phenol	7.504	94	121589	34.850	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.745	93	78256	34.076	ng/u1	98
12) 2-Chlorophenol	7.904	128	75985	36.512	ng/u1	95
13) 2-Methylphenol	8.773	108	90372	34.499	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.867	45	11978	40.606	ng/u1#	74
16) Acetophenone	9.173	105	142269	32.554	ng/u1	99
17) N-Nitroso-di-n-propyla...	9.149	70	65580	35.492	ng/u1#	91
18) 4-Methylphenol	9.102	108	97394	34.323	ng/u1	87
19) Hexachloroethane	9.443	117	28019	33.486	ng/u1	92
22) Nitrobenzene	9.561	77	95091	34.315	ng/u1#	97
23) Isophorone	10.083	82	204951	32.348	ng/u1	98
25) 2-Nitrophenol	10.277	139	49011	34.797	ng/u1#	86
26) 2,4-Dimethylphenol	10.318	107	110573	33.177	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.559	93	106449	32.420	ng/u1	99
29) 2,4-Dichlorophenol	10.812	162	102612	33.135	ng/u1#	90
30) Naphthalene	11.229	128	267830	33.524	ng/u1	98
32) 4-Chloroaniline	11.323	127	104544	28.289	ng/u1	100
33) Hexachlorobutadiene	11.505	225	89610	30.878	ng/u1	92
34) Caprolactam	12.069	113	32672m	33.000	ng/u1	
35) 4-Chloro-3-methylphenol	12.416	107	101592	34.148	ng/u1	97
36) 2-Methylnaphthalene	12.810	142	207750	32.434	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.027	142	205856	31.903	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.168	216	177513	31.604	ng/ul	99
40) Hexachlorocyclopentadiene	13.145	237	109677	30.115	ng/ul	97
41) 2,4,6-Trichlorophenol	13.397	196	112978	34.127	ng/ul	94
42) 2,4,5-Trichlorophenol	13.468	196	118579	33.035	ng/ul	89
43) 1,1'-Biphenyl	13.791	154	317953	33.022	ng/ul	98
44) 2-Chloronaphthalene	13.844	162	257486	32.264	ng/ul	98
45) 2-Nitroaniline	14.032	65	45572	41.120	ng/ul#	69
47) Dimethylphthalate	14.390	163	350705	33.552	ng/ul#	97
48) 2,6-Dinitrotoluene	14.519	165	69821	33.842	ng/ul	96
50) Acenaphthylene	14.684	152	383221	32.394	ng/ul	98
51) 3-Nitroaniline	14.848	138	56930	36.735	ng/ul	100
52) Acenaphthene	15.019	153	276301	33.247	ng/ul	94
53) 2,4-Dinitrophenol	15.048	184	51144	31.848	ng/ul#	92
55) 4-Nitrophenol	15.136	109	54515	35.315	ng/ul	98
56) Dibenzofuran	15.348	168	419923	32.282	ng/ul	100
57) 2,4-Dinitrotoluene	15.301	165	100073	34.978	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.565	232	117988	33.254	ng/ul#	97
59) Diethylphthalate	15.742	149	323225	34.613	ng/ul	98
61) Fluorene	15.994	166	344322	32.223	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.977	204	218603	31.491	ng/ul	98
63) 4-Nitroaniline	16.006	138	61343	41.483	ng/ul#	81
66) 4,6-Dinitro-2-methylph...	16.059	198	73067	32.538	ng/ul#	92
67) N-Nitrosodiphenylamine	16.188	169	314309	34.046	ng/ul	98
68) 4-Bromophenyl-phenylether	16.870	248	152017	32.909	ng/ul	95
69) Hexachlorobenzene	16.993	284	147384	32.966	ng/ul	99
70) Atrazine	17.122	200	144225	32.765	ng/ul	93
71) Pentachlorophenol	17.334	266	94562	33.268	ng/ul	94
72) Phenanthrene	17.733	178	615045	33.251	ng/ul	100
74) Anthracene	17.827	178	616761	32.572	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.767	216	187021	33.839	ng/uL	98
76) Pentachlorobenzene	15.266	250	175509	32.170	ng/uL	90
77) Carbazole	18.086	167	520080	33.595	ng/ul	99
78) Di-n-butylphthalate	18.621	149	517609	36.595	ng/ul	98
80) Fluoranthene	19.719	202	816845	35.446	ng/ul#	98
82) Pyrene	20.083	202	804971	34.626	ng/ul	98
83) Butylbenzylphthalate	20.947	149	213968	43.250	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.870	252	280993	35.244	ng/ul	98
85) Benzo(a)anthracene	21.970	228	823997	34.021	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.840	149	319153	42.112	ng/ul	99
87) Chrysene	22.040	228	770347	34.271	ng/ul	99
89) Di-n-octyl phthalate	23.139	149	544063	38.192	ng/ul	100
90) Benzo(b)fluoranthene	24.349	252	864634m	34.024	ng/ul	
91) Benzo(k)fluoranthene	24.425	252	856585	34.542	ng/ul#	99
93) Benzo(a)pyrene	25.295	252	757880	34.225	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.461	276	971005	33.292	ng/ul#	97
95) Dibenzo(a,h)anthracene	29.531	278	822199	33.704	ng/ul	100
96) Benzo(g,h,i)perylene	30.712	276	784836	33.483	ng/ul	98

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

