

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012924\
 Data File : BG060475.D
 Acq On : 29 Jan 2024 23:42
 Operator : MA/JU
 Sample : PB158663BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SLCS663

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2024
 Supervised By :mohammad ahmed 01/31/2024

Quant Time: Jan 30 02:31:50 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG012624.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Jan 26 06:06:34 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	209110	20.000	ng/u1	0.00
20) Naphthalene-d8	10.727	136	995535	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.563	164	664061	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.313	188	1589056	20.000	ng/u1	0.00
79) Chrysene-d12	21.573	240	1540817	20.000	ng/u1	0.00
88) Perylene-d12	24.734	264	1679641	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.359	96	25999	6.230	ng/uL	0.00
4) Pyridine-d5	3.770	84	394781	29.906	ng/u1	0.00
7) Phenol-d5	7.090	99	563541	28.376	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.248	67	332282	26.625	ng/u1	0.00
11) 2-Chlorophenol-d4	7.460	132	366544	27.638	ng/u1	0.00
15) 4-Methylphenol-d8	8.635	113	464645	28.404	ng/u1	0.00
21) Nitrobenzene-d5	9.087	128	208069	28.332	ng/u1	0.00
24) 2-Nitrophenol-d4	9.810	143	255060	29.727	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.351	165	522514	29.283	ng/u1	0.00
31) 4-Chloroaniline-d4	10.862	131	591575	25.272	ng/u1	0.00
46) Dimethylphthalate-d6	13.970	166	1467998	27.016	ng/u1	0.00
49) Acenaphthylene-d8	14.258	160	1714587	28.130	ng/u1	0.00
54) 4-Nitrophenol-d4	14.769	143	214440	27.553	ng/u1	0.00
60) Fluorene-d10	15.556	176	1338919	28.121	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.674	200	278303	28.284	ng/u1	0.00
73) Anthracene-d10	17.413	188	2094942	27.811	ng/u1	0.00
81) Pyrene-d10	19.704	212	2549245	27.605	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.522	264	2571560	29.186	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.394	88	55192	11.954	ng/uL#	91
5) Pyridine	3.788	79	405920	30.246	ng/u1	95
6) Benzaldehyde	7.066	77	276420	36.617	ng/u1	98
8) Phenol	7.119	94	592804	28.556	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.342	93	453838	27.447	ng/u1	98
12) 2-Chlorophenol	7.489	128	398349	29.118	ng/u1	93
13) 2-Methylphenol	8.365	108	496724	30.963	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.447	45	663444	30.404	ng/u1	97
16) Acetophenone	8.747	105	769094	29.502	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.729	70	417944	29.730	ng/u1	94
18) 4-Methylphenol	8.700	108	530644	30.763	ng/u1	96
19) Hexachloroethane	9.005	117	179024	29.599	ng/u1	96
22) Nitrobenzene	9.128	77	585912	29.166	ng/u1	97
23) Isophorone	9.646	82	1206768	27.708	ng/u1	99
25) 2-Nitrophenol	9.839	139	269679	30.919	ng/u1	99
26) 2,4-Dimethylphenol	9.898	107	439661	24.428	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.133	93	723762	29.192	ng/u1	99
29) 2,4-Dichlorophenol	10.374	162	526043	30.669	ng/u1	97
30) Naphthalene	10.779	128	1512306	28.153	ng/u1	98
32) 4-Chloroaniline	10.891	127	505177	21.997	ng/u1	95
33) Hexachlorobutadiene	11.062	225	406508	28.542	ng/u1	94
34) Caprolactam	11.649	113	157701m	27.618	ng/u1	
35) 4-Chloro-3-methylphenol	12.013	107	484355	28.166	ng/u1	98
36) 2-Methylnaphthalene	12.383	142	1013803	26.847	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.607	142	1007232	26.391	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.754	216	727053	30.082	ng/ul	99
40) Hexachlorocyclopentadiene	12.730	237	348378	23.838	ng/ul	97
41) 2,4,6-Trichlorophenol	12.995	196	451083	30.618	ng/ul	99
42) 2,4,5-Trichlorophenol	13.071	196	472491	30.350	ng/ul	95
43) 1,1'-Biphenyl	13.394	154	1463934	29.759	ng/ul	99
44) 2-Chloronaphthalene	13.441	162	1231730	29.657	ng/ul	97
45) 2-Nitroaniline	13.647	65	323675	30.963	ng/ul	99
47) Dimethylphthalate	14.017	163	1545052	28.486	ng/ul	100
48) 2,6-Dinitrotoluene	14.140	165	327637	32.030	ng/ul	98
50) Acenaphthylene	14.287	152	1938464	28.826	ng/ul	99
51) 3-Nitroaniline	14.469	138	277183	32.235	ng/ul	96
52) Acenaphthene	14.628	153	1288047	28.716	ng/ul	100
53) 2,4-Dinitrophenol	14.675	184	145287	26.023	ng/ul	98
55) 4-Nitrophenol	14.781	109	150614	28.424	ng/ul	93
56) Dibenzofuran	14.963	168	1857241	29.328	ng/ul	96
57) 2,4-Dinitrotoluene	14.928	165	469789	31.341	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.186	232	427275	29.532	ng/ul#	98
59) Diethylphthalate	15.380	149	1462941	28.051	ng/ul	99
61) Fluorene	15.609	166	1517579	29.211	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.603	204	849336	29.618	ng/ul	98
63) 4-Nitroaniline	15.638	138	298504	35.435	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.691	198	305904	29.722	ng/ul#	95
67) N-Nitrosodiphenylamine	15.821	169	1306360	30.310	ng/ul	98
68) 4-Bromophenyl-phenylether	16.496	248	543922	29.464	ng/ul	98
69) Hexachlorobenzene	16.614	284	626777	29.269	ng/ul	95
70) Atrazine	16.767	200	405184	22.868	ng/ul	98
71) Pentachlorophenol	16.960	266	298666	25.323	ng/ul	93
72) Phenanthrene	17.354	178	2458738	29.429	ng/ul	99
74) Anthracene	17.442	178	2488715	29.232	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.359	216	751725	32.619	ng/uL	97
76) Pentachlorobenzene	14.881	250	746676	30.843	ng/uL	99
77) Carbazole	17.718	167	2135383	30.369	ng/ul	98
78) Di-n-butylphthalate	18.271	149	2418115	29.171	ng/ul	100
80) Fluoranthene	19.369	202	2930678	28.438	ng/ul	100
82) Pyrene	19.734	202	3006807	28.035	ng/ul	100
83) Butylbenzylphthalate	20.615	149	1086294	28.416	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.473	252	1088994	30.634	ng/ul	99
85) Benzo(a)anthracene	21.555	228	3136002	29.516	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.455	149	1615060	28.304	ng/ul	100
87) Chrysene	21.620	228	2977112	29.830	ng/ul	98
89) Di-n-octyl phthalate	22.648	149	2787869	31.102	ng/ul	100
90) Benzo(b)fluoranthene	23.729	252	3195097	30.655	ng/ul	98
91) Benzo(k)fluoranthene	23.800	252	3153201	29.625	ng/ul	98
93) Benzo(a)pyrene	24.587	252	3036715	30.286	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.341	276	3698865	30.093	ng/ul	99
95) Dibenzo(a,h)anthracene	28.400	278	3053754	30.452	ng/ul	99
96) Benzo(g,h,i)perylene	29.463	276	2962324	29.766	ng/ul	98

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

