

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112224\
 Data File : BG063530.D
 Acq On : 22 Nov 2024 21:32
 Operator : RC/JU
 Sample : PB165199BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SLCS199

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 22 22:34:45 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Nov 20 14:52:38 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.827	152	98792	20.000	ng/u1	0.00
20) Naphthalene-d8	10.624	136	396727	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.472	164	315459	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.228	188	781178	20.000	ng/u1	0.00
79) Chrysene-d12	21.487	240	858779	20.000	ng/u1	0.00
88) Perylene-d12	24.531	264	945909	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.291	96	13781	5.506	ng/uL	-0.01
4) Pyridine-d5	3.702	84	210656	26.850	ng/u1	0.00
7) Phenol-d5	7.004	99	262685	32.330	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	164838	31.631	ng/u1	0.00
11) 2-Chlorophenol-d4	7.363	132	188905	32.807	ng/u1	0.00
15) 4-Methylphenol-d8	8.544	113	225464	33.207	ng/u1	0.00
21) Nitrobenzene-d5	8.984	128	97634	34.270	ng/u1	0.00
24) 2-Nitrophenol-d4	9.707	143	119297	33.896	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.247	165	227038	33.797	ng/u1	0.00
31) 4-Chloroaniline-d4	10.759	131	260269	30.631	ng/u1	0.00
46) Dimethylphthalate-d6	13.879	166	759516	35.467	ng/u1	0.00
49) Acenaphthylene-d8	14.166	160	836867	34.268	ng/u1	0.00
54) 4-Nitrophenol-d4	14.695	143	107957	33.928	ng/u1	0.00
60) Fluorene-d10	15.471	176	680133	34.953	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.600	200	159089	36.224	ng/u1	0.00
73) Anthracene-d10	17.327	188	1164810	34.321	ng/u1	0.00
81) Pyrene-d10	19.625	212	1531491	35.577	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.325	264	1568688	34.191	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.332	88	28397	9.609	ng/uL#	75
5) Pyridine	3.720	79	200681	25.138	ng/u1	97
6) Benzaldehyde	6.969	77	102596	22.061	ng/u1	86
8) Phenol	7.034	94	271369	30.629	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.251	93	196753m	30.767	ng/u1	
12) 2-Chlorophenol	7.398	128	190814	31.046	ng/u1	95
13) 2-Methylphenol	8.279	108	209910	31.843	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.350	45	284150	30.331	ng/u1	97
16) Acetophenone	8.649	105	327587	30.543	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.632	70	192810	32.168	ng/u1	99
18) 4-Methylphenol	8.608	108	223222	30.874	ng/u1	95
19) Hexachloroethane	8.908	117	83333	31.395	ng/u1	91
22) Nitrobenzene	9.025	77	284885	32.595	ng/u1	96
23) Isophorone	9.548	82	519943	32.579	ng/u1	96
25) 2-Nitrophenol	9.736	139	117782	33.731	ng/u1	97
26) 2,4-Dimethylphenol	9.801	107	206314	27.409	ng/u1	90
27) Bis(2-Chloroethoxy)met...	10.030	93	283642	32.105	ng/u1	97
29) 2,4-Dichlorophenol	10.271	162	213318	32.502	ng/u1	95
30) Naphthalene	10.671	128	668056	32.942	ng/u1	98
32) 4-Chloroaniline	10.782	127	189123	23.293	ng/u1	99
33) Hexachlorobutadiene	10.958	225	181503	31.003	ng/u1	92
34) Caprolactam	11.534	113	72071m	32.581	ng/u1	
35) 4-Chloro-3-methylphenol	11.916	107	225071	33.694	ng/u1	95
36) 2-Methylnaphthalene	12.286	142	483156	33.564	ng/u1	98

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.504	142	479673	31.736	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.656	216	355922	32.107	ng/ul#	97
40) Hexachlorocyclopentadiene	12.639	237	114002	24.110	ng/ul	92
41) 2,4,6-Trichlorophenol	12.903	196	180700	29.707	ng/ul	94
42) 2,4,5-Trichlorophenol	12.980	196	192505	30.666	ng/ul	88
43) 1,1'-Biphenyl	13.303	154	697440	33.313	ng/ul	99
44) 2-Chloronaphthalene	13.344	162	534428	32.487	ng/ul	97
45) 2-Nitroaniline	13.550	65	185521	35.780	ng/ul	99
47) Dimethylphthalate	13.926	163	702392	33.663	ng/ul#	99
48) 2,6-Dinitrotoluene	14.049	165	146848	34.691	ng/ul	92
50) Acenaphthylene	14.190	152	833796	33.963	ng/ul	95
51) 3-Nitroaniline	14.378	138	138727	35.783	ng/ul	98
52) Acenaphthene	14.537	153	582195	32.834	ng/ul	98
53) 2,4-Dinitrophenol	14.601	184	71012	32.674	ng/ul	97
55) 4-Nitrophenol	14.707	109	122236	33.056	ng/ul	92
56) Dibenzofuran	14.871	168	837075	32.904	ng/ul	99
57) 2,4-Dinitrotoluene	14.848	165	221343	34.171	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.107	232	173278	29.048	ng/ul#	92
59) Diethylphthalate	15.294	149	714036	33.880	ng/ul	99
61) Fluorene	15.524	166	722129	33.346	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.518	204	432011	33.432	ng/ul	95
63) 4-Nitroaniline	15.547	138	158406	39.910	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.612	198	158090	33.687	ng/ul#	95
67) N-Nitrosodiphenylamine	15.735	169	611873	32.991	ng/ul	97
68) 4-Bromophenyl-phenylether	16.411	248	290514	33.191	ng/ul	92
69) Hexachlorobenzene	16.534	284	306462	33.395	ng/ul	93
70) Atrazine	16.687	200	114332	12.759	ng/ul	98
71) Pentachlorophenol	16.881	266	102866	23.970	ng/ul	94
72) Phenanthrene	17.269	178	1249103	33.543	ng/ul	97
74) Anthracene	17.363	178	1242221	32.668	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.267	216	355592	31.284	ng/ul	90
76) Pentachlorobenzene	14.795	250	347921	30.997	ng/ul	99
77) Carbazole	17.633	167	1109504	35.166	ng/ul	100
78) Di-n-butylphthalate	18.197	149	1252476	34.628	ng/ul	99
80) Fluoranthene	19.290	202	1641744	34.492	ng/ul	98
82) Pyrene	19.654	202	1724075	33.802	ng/ul	99
83) Butylbenzylphthalate	20.553	149	575822	34.789	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.387	252	635444	34.446	ng/ul	99
85) Benzo(a)anthracene	21.470	228	1883077	33.911	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.387	149	830483	34.520	ng/ul	100
87) Chrysene	21.534	228	1743494	33.579	ng/ul	99
89) Di-n-octyl phthalate	22.533	149	1482803	35.330	ng/ul	100
90) Benzo(b)fluoranthene	23.573	252	1963050m	34.565	ng/ul	
91) Benzo(k)fluoranthene	23.632	252	1880468	32.997	ng/ul	98
93) Benzo(a)pyrene	24.390	252	1733569	32.615	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.968	276	2181541	33.090	ng/ul	99
95) Dibenzo(a,h)anthracene	28.021	278	1805971	33.507	ng/ul	97
96) Benzo(g,h,i)perylene	29.037	276	1683289	33.674	ng/ul	98

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

