

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
 Data File : BG063246.D
 Acq On : 9 Nov 2024 2:14
 Operator : RC/JU
 Sample : PB164682BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SLCS682

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 09 02:56:16 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Nov 06 15:45:52 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.837	152	116311	20.000	ng/u1	0.00
20) Naphthalene-d8	10.622	136	534617	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.477	164	452349	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.226	188	1104500	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	1116345	20.000	ng/u1	0.00
88) Perylene-d12	24.518	264	1149346	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	15748m	6.122	ng/uL	0.00
4) Pyridine-d5	3.701	84	249842	29.387	ng/u1	0.00
7) Phenol-d5	7.009	99	337132	32.122	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.167	67	198397	32.228	ng/u1	0.00
11) 2-Chlorophenol-d4	7.373	132	232625	34.148	ng/u1	0.00
15) 4-Methylphenol-d8	8.548	113	278607	31.319	ng/u1	0.00
21) Nitrobenzene-d5	8.989	128	129000	34.322	ng/u1	0.00
24) 2-Nitrophenol-d4	9.712	143	160723	33.086	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	324341	34.023	ng/u1	0.00
31) 4-Chloroaniline-d4	10.757	131	367852	29.625	ng/u1	0.00
46) Dimethylphthalate-d6	13.883	166	1047562	29.565	ng/u1	0.00
49) Acenaphthylene-d8	14.165	160	1174973	33.880	ng/u1	0.00
54) 4-Nitrophenol-d4	14.688	143	153044	31.547	ng/u1	0.00
60) Fluorene-d10	15.469	176	972334	32.515	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.599	200	231944	33.414	ng/u1	0.00
73) Anthracene-d10	17.326	188	1563222	32.931	ng/u1	0.00
81) Pyrene-d10	19.623	212	1994908	35.642	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.312	264	1980122	35.683	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.337	88	35756	11.291	ng/uL#	86
5) Pyridine	3.724	79	248700	28.670	ng/u1	99
6) Benzaldehyde	6.974	77	189954	32.747	ng/u1	96
8) Phenol	7.038	94	361243	31.584	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.261	93	239698	30.815	ng/u1	96
12) 2-Chlorophenol	7.402	128	247175	33.921	ng/u1	97
13) 2-Methylphenol	8.284	108	263616	31.554	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.354	45	320183	32.567	ng/u1	97
16) Acetophenone	8.654	105	435699	30.419	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.642	70	246890	29.551	ng/u1	95
18) 4-Methylphenol	8.613	108	292424	30.782	ng/u1	89
19) Hexachloroethane	8.912	117	98431	33.334	ng/u1	84
22) Nitrobenzene	9.030	77	371619	32.066	ng/u1	97
23) Isophorone	9.553	82	728272	29.775	ng/u1	99
25) 2-Nitrophenol	9.741	139	160132	33.347	ng/u1	87
26) 2,4-Dimethylphenol	9.806	107	235031	22.439	ng/u1	90
27) Bis(2-Chloroethoxy)met...	10.035	93	379849	32.214	ng/u1	98
29) 2,4-Dichlorophenol	10.276	162	303022	33.717	ng/u1	94
30) Naphthalene	10.675	128	906337	33.132	ng/u1	100
32) 4-Chloroaniline	10.781	127	292603	24.622	ng/u1	99
33) Hexachlorobutadiene	10.963	225	286939	33.360	ng/u1	96
34) Caprolactam	11.539	113	103068m	27.593	ng/u1	
35) 4-Chloro-3-methylphenol	11.921	107	343526	31.856	ng/u1	96
36) 2-Methylnaphthalene	12.291	142	697125	32.154	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.508	142	699348	31.019	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.661	216	569404	35.708	ng/ul	99
40) Hexachlorocyclopentadiene	12.637	237	210377	24.161	ng/ul	98
41) 2,4,6-Trichlorophenol	12.902	196	312382	36.292	ng/ul	97
42) 2,4,5-Trichlorophenol	12.978	196	331308m	35.495	ng/ul	
43) 1,1'-Biphenyl	13.301	154	1014289	35.375	ng/ul	98
44) 2-Chloronaphthalene	13.348	162	792207	35.489	ng/ul	97
45) 2-Nitroaniline	13.548	65	260969	34.272	ng/ul	94
47) Dimethylphthalate	13.930	163	1019400	30.005	ng/ul	99
48) 2,6-Dinitrotoluene	14.053	165	221501	34.070	ng/ul	95
50) Acenaphthylene	14.195	152	1195682	34.610	ng/ul	97
51) 3-Nitroaniline	14.377	138	197595	34.820	ng/ul	93
52) Acenaphthene	14.535	153	835964	33.809	ng/ul	100
53) 2,4-Dinitrophenol	14.594	184	135862	31.697	ng/ul#	86
55) 4-Nitrophenol	14.700	109	194131	30.789	ng/ul	96
56) Dibenzofuran	14.876	168	1256735	33.203	ng/ul	98
57) 2,4-Dinitrotoluene	14.841	165	330758	32.167	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.105	232	308668m	31.931	ng/ul	
59) Diethylphthalate	15.299	149	1016757	29.190	ng/ul	98
61) Fluorene	15.528	166	1060224	33.096	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.516	204	665489	32.324	ng/ul	97
63) 4-Nitroaniline	15.552	138	214020m	37.263	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.610	198	253895	35.244	ng/ul	96
67) N-Nitrosodiphenylamine	15.734	169	896380	36.380	ng/ul	98
68) 4-Bromophenyl-phenylether	16.415	248	462897	36.660	ng/ul	98
69) Hexachlorobenzene	16.533	284	481223	35.775	ng/ul	99
70) Atrazine	16.686	200	271423	20.137	ng/ul	95
71) Pentachlorophenol	16.880	266	210943	31.280	ng/ul	94
72) Phenanthrene	17.267	178	1799798	35.665	ng/ul	100
74) Anthracene	17.361	178	1757889	34.004	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.272	216	563196	39.432	ng/ul	97
76) Pentachlorobenzene	14.800	250	553174	36.319	ng/ul	97
77) Carbazole	17.632	167	1485711	34.615	ng/ul	98
78) Di-n-butylphthalate	18.190	149	1654382	33.886	ng/ul	99
80) Fluoranthene	19.289	202	2249100	37.176	ng/ul	100
82) Pyrene	19.653	202	2353115	36.695	ng/ul#	97
83) Butylbenzylphthalate	20.546	149	724567	38.662	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.380	252	885595	36.893	ng/ul	99
85) Benzo(a)anthracene	21.462	228	2527767	35.797	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.374	149	1046198	38.325	ng/ul	99
87) Chrysene	21.527	228	2344617	35.614	ng/ul	98
89) Di-n-octyl phthalate	22.520	149	1819149	40.164	ng/ul	100
90) Benzo(b)fluoranthene	23.554	252	2494499m	36.073	ng/ul	
91) Benzo(k)fluoranthene	23.619	252	2550984	37.036	ng/ul	98
93) Benzo(a)pyrene	24.377	252	2245541	35.106	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.937	276	2847244	36.288	ng/ul	96
95) Dibenzo(a,h)anthracene	27.996	278	2318883	36.251	ng/ul	98
96) Benzo(g,h,i)perylene	29.007	276	2163921	36.376	ng/ul	99

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

