

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
 Data File : BG063790.D
 Acq On : 23 Dec 2024 18:52
 Operator : RC/JU
 Sample : PB165811BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SLCS811

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/24/2024

Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 24 00:42:27 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Dec 11 23:59:23 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	81398	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.585	136	322944	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.440	164	247000	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.189	188	618196	20.000	ng/u1	-0.02
79) Chrysene-d12	21.437	240	750526	20.000	ng/u1	#-0.02
88) Perylene-d12	24.451	264	756684	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	15553	7.488	ng/uL	-0.01
4) Pyridine-d5	3.676	84	236278	36.059	ng/u1	-0.01
7) Phenol-d5	6.984	99	281314	37.525	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.130	67	174295	33.663	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.336	132	183819	37.874	ng/u1	-0.01
15) 4-Methylphenol-d8	8.517	113	209598	36.011	ng/u1	-0.01
21) Nitrobenzene-d5	8.952	128	86518	37.521	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.674	143	101449	39.249	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.221	165	207400	41.444	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.726	131	209398	32.955	ng/u1	-0.02
46) Dimethylphthalate-d6	13.846	166	613577	36.507	ng/u1	-0.01
49) Acenaphthylene-d8	14.128	160	705496	36.823	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.669	143	97201	40.817	ng/u1	0.00
60) Fluorene-d10	15.432	176	570425	38.386	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.568	200	122385	38.130	ng/u1	-0.01
73) Anthracene-d10	17.289	188	1019347	38.352	ng/u1	-0.02
81) Pyrene-d10	19.586	212	1336153	34.212	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.246	264	1364004	38.386	ng/u1	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.300	88	32287	13.135	ng/uL	93
5) Pyridine	3.693	79	258621	36.849	ng/u1	90
6) Benzaldehyde	6.948	77	19858	4.318	ng/u1	98
8) Phenol	7.013	94	304883	38.160	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.224	93	214836	35.145	ng/u1	97
12) 2-Chlorophenol	7.371	128	194997	39.692	ng/u1	99
13) 2-Methylphenol	8.253	108	209508	36.281	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.317	45	314271	34.630	ng/u1	99
16) Acetophenone	8.617	105	330362	33.464	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.599	70	192399	32.663	ng/u1	89
18) 4-Methylphenol	8.582	108	234789	37.150	ng/u1	99
19) Hexachloroethane	8.870	117	79458	32.916	ng/u1	94
22) Nitrobenzene	8.993	77	278466	36.164	ng/u1	96
23) Isophorone	9.516	82	521916	35.874	ng/u1	99
25) 2-Nitrophenol	9.704	139	107456	40.452	ng/u1	89
26) 2,4-Dimethylphenol	9.774	107	243270	40.359	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.998	93	287657	36.556	ng/u1	95
29) 2,4-Dichlorophenol	10.244	162	207264	41.683	ng/u1	96
30) Naphthalene	10.638	128	593707	36.771	ng/u1	98
32) 4-Chloroaniline	10.750	127	135732	22.452	ng/u1	96
33) Hexachlorobutadiene	10.920	225	136217	33.720	ng/u1	95
34) Caprolactam	11.502	113	70841m	41.214	ng/u1	
35) 4-Chloro-3-methylphenol	11.895	107	228276	39.103	ng/u1	92
36) 2-Methylnaphthalene	12.248	142	415838	35.835	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.471	142	424255	35.892	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.624	216	263118	33.276	ng/ul#	97
40) Hexachlorocyclopentadiene	12.600	237	63832	20.421	ng/ul	93
41) 2,4,6-Trichlorophenol	12.871	196	176505	39.495	ng/ul	94
42) 2,4,5-Trichlorophenol	12.953	196	186683	40.026	ng/ul	99
43) 1,1'-Biphenyl	13.264	154	578993	35.544	ng/ul	98
44) 2-Chloronaphthalene	13.306	162	470022	35.933	ng/ul	96
45) 2-Nitroaniline	13.517	65	176632	40.313	ng/ul	95
47) Dimethylphthalate	13.893	163	632156	37.529	ng/ul	98
48) 2,6-Dinitrotoluene	14.016	165	127827	40.861	ng/ul	96
50) Acenaphthylene	14.157	152	788789	38.396	ng/ul	100
51) 3-Nitroaniline	14.351	138	127958	44.240	ng/ul	86
52) Acenaphthene	14.504	153	546184	37.510	ng/ul	97
53) 2,4-Dinitrophenol	14.575	184	68613m	42.917	ng/ul	
55) 4-Nitrophenol	14.686	109	95742	38.719	ng/ul	93
56) Dibenzofuran	14.839	168	789534	38.460	ng/ul	96
57) 2,4-Dinitrotoluene	14.816	165	197238	42.431	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.080	232	167152	41.576	ng/ul#	90
59) Diethylphthalate	15.262	149	649488	39.885	ng/ul	97
61) Fluorene	15.491	166	653987	39.897	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.485	204	348612	38.174	ng/ul	93
63) 4-Nitroaniline	15.515	138	150036	51.815	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.585	198	135092	40.854	ng/ul	92
67) N-Nitrosodiphenylamine	15.697	169	570826	38.132	ng/ul	99
68) 4-Bromophenyl-phenylether	16.378	248	227426	36.098	ng/ul	96
69) Hexachlorobenzene	16.502	284	260942	36.967	ng/ul	96
70) Atrazine	16.655	200	239975	37.923	ng/ul	97
71) Pentachlorophenol	16.854	266	118229m	39.725	ng/ul	
72) Phenanthrene	17.230	178	1198663	40.236	ng/ul	98
74) Anthracene	17.324	178	1211651	40.184	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.235	216	262720	31.852	ng/ul	99
76) Pentachlorobenzene	14.763	250	277313	33.938	ng/ul	95
77) Carbazole	17.595	167	1101240	45.119	ng/ul	97
78) Di-n-butylphthalate	18.153	149	1247207	42.312	ng/ul	100
80) Fluoranthene	19.252	202	1599178	36.025	ng/ul	97
82) Pyrene	19.616	202	1716656	36.348	ng/ul#	94
83) Butylbenzylphthalate	20.509	149	594327	40.995	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.343	252	499479	36.866	ng/ul	95
85) Benzo(a)anthracene	21.420	228	1745038	37.100	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.331	149	877549	41.611	ng/ul	99
87) Chrysene	21.484	228	1644869	36.691	ng/ul	96
89) Di-n-octyl phthalate	22.465	149	1520392	46.552	ng/ul	100
90) Benzo(b)fluoranthene	23.499	252	1678926	39.039	ng/ul	99
91) Benzo(k)fluoranthene	23.558	252	1743635	40.645	ng/ul	98
93) Benzo(a)pyrene	24.310	252	1581862	39.187	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.859	276	1956816	39.694	ng/ul	98
95) Dibenzo(a,h)anthracene	27.900	278	1585545	40.195	ng/ul	95
96) Benzo(g,h,i)perylene	28.905	276	1520350	38.865	ng/ul	97

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

