

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
 Data File : BG063248.D
 Acq On : 9 Nov 2024 3:30
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020522

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 09 04:33:49 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	7.835	152	101947	20.000	ng/u1	0.00
20) Naphthalene-d8	10.625	136	459209	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.474	164	392553	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.224	188	971101	20.000	ng/u1	0.00
79) Chrysene-d12	21.477	240	1001522	20.000	ng/u1	0.00
88) Perylene-d12	24.509	264	1058199	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	17326	7.685	ng/uL	0.00
4) Pyridine-d5	3.704	84	152649	20.485	ng/u1	0.00
7) Phenol-d5	7.006	99	180347	19.605	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.165	67	110990	20.569	ng/u1	0.00
11) 2-Chlorophenol-d4	7.370	132	124206	20.802	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	152570	19.567	ng/u1	0.00
21) Nitrobenzene-d5	8.986	128	67657	20.957	ng/u1	0.00
24) 2-Nitrophenol-d4	9.709	143	88040	21.100	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.249	165	172431	21.058	ng/u1	0.00
31) 4-Chloroaniline-d4	10.761	131	212808	19.953	ng/u1	0.00
46) Dimethylphthalate-d6	13.880	166	564903	18.372	ng/u1	0.00
49) Acenaphthylene-d8	14.162	160	649180	21.570	ng/u1	0.00
54) 4-Nitrophenol-d4	14.680	143	75674	17.975	ng/u1	0.00
60) Fluorene-d10	15.467	176	530210	20.431	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.590	200	118025	19.338	ng/u1	0.00
73) Anthracene-d10	17.323	188	895405	21.454	ng/u1	0.00
81) Pyrene-d10	19.621	212	1110677	22.119	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.304	264	1098351	21.498	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.334	88	20820	7.501	ng/uL#	69
5) Pyridine	3.728	79	152537	20.062	ng/u1	91
6) Benzaldehyde	6.977	77	127234	25.025	ng/u1	95
8) Phenol	7.036	94	190878	19.040	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.259	93	136372	20.002	ng/u1	95
12) 2-Chlorophenol	7.400	128	132722	20.780	ng/u1	96
13) 2-Methylphenol	8.281	108	144408	19.721	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.352	45	173112	20.089	ng/u1	98
16) Acetophenone	8.651	105	235107	18.727	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.634	70	137776	18.814	ng/u1	98
18) 4-Methylphenol	8.604	108	158358	19.018	ng/u1	98
19) Hexachloroethane	8.916	117	55545	21.461	ng/u1	95
22) Nitrobenzene	9.027	77	202934	20.386	ng/u1	98
23) Isophorone	9.550	82	381981	18.181	ng/u1	96
25) 2-Nitrophenol	9.738	139	89221	21.631	ng/u1	91
26) 2,4-Dimethylphenol	9.803	107	189273	21.038	ng/u1#	92
27) Bis(2-Chloroethoxy)met...	10.032	93	204095	20.151	ng/u1#	97
29) 2,4-Dichlorophenol	10.279	162	164142	21.263	ng/u1	94
30) Naphthalene	10.672	128	501182	21.330	ng/u1	99
32) 4-Chloroaniline	10.784	127	201452	19.735	ng/u1	99
33) Hexachlorobutadiene	10.960	225	157945	21.378	ng/u1	97
34) Caprolactam	11.530	113	54474m	16.978	ng/u1	
35) 4-Chloro-3-methylphenol	11.918	107	181696	19.616	ng/u1	97
36) 2-Methylnaphthalene	12.288	142	378489	20.324	ng/u1	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.506	142	389993	20.138	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.658	216	308237	22.274	ng/ul	97
40) Hexachlorocyclopentadiene	12.641	237	154701	20.473	ng/ul	99
41) 2,4,6-Trichlorophenol	12.899	196	167655	22.445	ng/ul	94
42) 2,4,5-Trichlorophenol	12.976	196	185440	22.894	ng/ul	96
43) 1,1'-Biphenyl	13.305	154	545050	21.905	ng/ul	96
44) 2-Chloronaphthalene	13.346	162	428216	22.105	ng/ul	97
45) 2-Nitroaniline	13.546	65	137280	20.775	ng/ul	93
47) Dimethylphthalate	13.922	163	530900	18.007	ng/ul#	99
48) 2,6-Dinitrotoluene	14.045	165	114373	20.272	ng/ul	94
50) Acenaphthylene	14.192	152	637789	21.274	ng/ul#	97
51) 3-Nitroaniline	14.380	138	104981	21.318	ng/ul	96
52) Acenaphthene	14.538	153	456742	21.286	ng/ul	99
53) 2,4-Dinitrophenol	14.591	184	72501	19.491	ng/ul	97
55) 4-Nitrophenol	14.697	109	94862	17.337	ng/ul	98
56) Dibenzofuran	14.873	168	683056	20.795	ng/ul	95
57) 2,4-Dinitrotoluene	14.838	165	170484	19.106	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.103	232	174009	20.743	ng/ul#	97
59) Diethylphthalate	15.296	149	540932	17.895	ng/ul	98
61) Fluorene	15.526	166	575803	20.712	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.520	204	361524	20.235	ng/ul	100
63) 4-Nitroaniline	15.543	138	109662	22.002	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.608	198	126265	19.935	ng/ul#	99
67) N-Nitrosodiphenylamine	15.731	169	480291	22.170	ng/ul	97
68) 4-Bromophenyl-phenylether	16.413	248	244756	22.047	ng/ul	96
69) Hexachlorobenzene	16.536	284	257943	21.810	ng/ul	96
70) Atrazine	16.683	200	243386	20.537	ng/ul	97
71) Pentachlorophenol	16.877	266	111826	18.860	ng/ul	95
72) Phenanthrene	17.265	178	982335	22.140	ng/ul	99
74) Anthracene	17.359	178	993858	21.866	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.269	216	311924	24.839	ng/ul	97
76) Pentachlorobenzene	14.797	250	311879	23.290	ng/ul	96
77) Carbazole	17.629	167	810366	21.474	ng/ul	99
78) Di-n-butylphthalate	18.193	149	908272	21.159	ng/ul	98
80) Fluoranthene	19.286	202	1224658	22.563	ng/ul#	97
82) Pyrene	19.650	202	1281823	22.281	ng/ul	98
83) Butylbenzylphthalate	20.549	149	382607	22.756	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.378	252	499930	23.214	ng/ul	98
85) Benzo(a)anthracene	21.460	228	1389690	21.937	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.378	149	575888	23.515	ng/ul	98
87) Chrysene	21.524	228	1300764	22.023	ng/ul	97
89) Di-n-octyl phthalate	22.517	149	979614	23.491	ng/ul	100
90) Benzo(b)fluoranthene	23.551	252	1367504	21.479	ng/ul	100
91) Benzo(k)fluoranthene	23.616	252	1385964	21.855	ng/ul	98
93) Benzo(a)pyrene	24.368	252	1259448	21.385	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.929	276	1537493	21.283	ng/ul	97
95) Dibenzo(a,h)anthracene	27.976	278	1253118	21.277	ng/ul	97
96) Benzo(g,h,i)perylene	28.986	276	1178869	21.524	ng/ul	98

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

