

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111124\
 Data File : BG063349.D
 Acq On : 13 Nov 2024 7:17
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020531

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2024
 Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 13 07:00:35 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	7.832	152	129844	20.000	ng/u1	0.00
20) Naphthalene-d8	10.623	136	586564	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.471	164	519985	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.221	188	1223384	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.475	240	1239964	20.000	ng/u1	# 0.00
88) Perylene-d12	24.513	264	1318693	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	20687	7.204	ng/uL	0.00
4) Pyridine-d5	3.702	84	166837	17.578	ng/u1	0.00
7) Phenol-d5	7.010	99	233786	19.954	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.162	67	140381	20.427	ng/u1	0.00
11) 2-Chlorophenol-d4	7.368	132	163798	21.539	ng/u1	0.00
15) 4-Methylphenol-d8	8.543	113	203210	20.463	ng/u1	0.00
21) Nitrobenzene-d5	8.990	128	89563	21.719	ng/u1	0.00
24) 2-Nitrophenol-d4	9.706	143	110384	20.711	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.247	165	230802	22.067	ng/u1	0.00
31) 4-Chloroaniline-d4	10.758	131	276354	20.285	ng/u1	0.00
46) Dimethylphthalate-d6	13.878	166	734118	18.024	ng/u1	0.00
49) Acenaphthylene-d8	14.160	160	842275	21.127	ng/u1	0.00
54) 4-Nitrophenol-d4	14.683	143	99487	17.840	ng/u1	0.00
60) Fluorene-d10	15.464	176	672880	19.575	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.594	200	149770	19.479	ng/u1	0.00
73) Anthracene-d10	17.321	188	1107627	21.066	ng/u1	0.00
81) Pyrene-d10	19.618	212	1336543	21.499	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.301	264	1325022	20.811	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.332	88	23602	6.677	ng/uL	97
5) Pyridine	3.719	79	178668	18.450	ng/u1	93
6) Benzaldehyde	6.974	77	159008	24.555	ng/u1	93
8) Phenol	7.033	94	245819	19.252	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.256	93	172200	19.831	ng/u1	91
12) 2-Chlorophenol	7.397	128	172979	21.264	ng/u1	96
13) 2-Methylphenol	8.279	108	192303	20.619	ng/u1	86
14) 2,2'-oxybis(1-Chloropr...	8.349	45	241022	21.960	ng/u1	96
16) Acetophenone	8.649	105	310292	19.406	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.637	70	180268	19.328	ng/u1	98
18) 4-Methylphenol	8.608	108	218683	20.620	ng/u1	96
19) Hexachloroethane	8.907	117	66453	20.159	ng/u1	98
22) Nitrobenzene	9.025	77	269595	21.203	ng/u1	93
23) Isophorone	9.548	82	507425	18.908	ng/u1	99
25) 2-Nitrophenol	9.742	139	119538	22.689	ng/u1	99
26) 2,4-Dimethylphenol	9.800	107	239503	20.841	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.035	93	272103	21.033	ng/u1	98
29) 2,4-Dichlorophenol	10.276	162	215784	21.884	ng/u1	94
30) Naphthalene	10.670	128	644268	21.466	ng/u1	99
32) 4-Chloroaniline	10.782	127	259891	19.932	ng/u1	98
33) Hexachlorobutadiene	10.958	225	183425	19.436	ng/u1	98
34) Caprolactam	11.534	113	68627m	16.745	ng/u1	
35) 4-Chloro-3-methylphenol	11.916	107	234996	19.862	ng/u1	92
36) 2-Methylnaphthalene	12.286	142	484465	20.366	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.503	142	505838	20.449	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.656	216	383361	20.914	ng/ul	97
40) Hexachlorocyclopentadiene	12.638	237	198948	19.877	ng/ul	99
41) 2,4,6-Trichlorophenol	12.903	196	212677	21.495	ng/ul	94
42) 2,4,5-Trichlorophenol	12.979	196	227430	21.197	ng/ul	89
43) 1,1'-Biphenyl	13.302	154	720183	21.850	ng/ul	99
44) 2-Chloronaphthalene	13.343	162	548986	21.395	ng/ul	99
45) 2-Nitroaniline	13.549	65	177771	20.310	ng/ul	92
47) Dimethylphthalate	13.925	163	697960	17.872	ng/ul#	97
48) 2,6-Dinitrotoluene	14.048	165	151232	20.236	ng/ul	91
50) Acenaphthylene	14.189	152	843936	21.251	ng/ul	98
51) 3-Nitroaniline	14.377	138	139325	21.358	ng/ul	97
52) Acenaphthene	14.536	153	600484	21.126	ng/ul	100
53) 2,4-Dinitrophenol	14.595	184	93888	19.055	ng/ul#	85
55) 4-Nitrophenol	14.695	109	118953	16.412	ng/ul	95
56) Dibenzofuran	14.871	168	886329	20.371	ng/ul	100
57) 2,4-Dinitrotoluene	14.842	165	220844	18.684	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.100	232	219964m	19.795	ng/ul	
59) Diethylphthalate	15.294	149	699545	17.471	ng/ul	99
61) Fluorene	15.523	166	738426	20.052	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.517	204	451255	19.067	ng/ul	97
63) 4-Nitroaniline	15.541	138	146751	22.227	ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.611	198	157902	19.789	ng/ul	99
67) N-Nitrosodiphenylamine	15.729	169	615266	22.544	ng/ul	94
68) 4-Bromophenyl-phenylether	16.410	248	309105	22.101	ng/ul	94
69) Hexachlorobenzene	16.534	284	311410	20.901	ng/ul	98
70) Atrazine	16.681	200	299265	20.045	ng/ul	99
71) Pentachlorophenol	16.880	266	135120	18.090	ng/ul	95
72) Phenanthrene	17.268	178	1205567	21.568	ng/ul	99
74) Anthracene	17.356	178	1223674	21.370	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.267	216	400278	25.302	ng/ul	93
76) Pentachlorobenzene	14.795	250	396517	23.504	ng/ul	99
77) Carbazole	17.627	167	1003679	21.112	ng/ul	99
78) Di-n-butylphthalate	18.191	149	1145354	21.180	ng/ul	99
80) Fluoranthene	19.283	202	1509738	22.467	ng/ul#	97
82) Pyrene	19.648	202	1578713	22.164	ng/ul#	97
83) Butylbenzylphthalate	20.547	149	494699	23.765	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.375	252	615312	23.078	ng/ul	99
85) Benzo(a)anthracene	21.457	228	1690698	21.556	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.375	149	723142	23.850	ng/ul	98
87) Chrysene	21.522	228	1571214	21.487	ng/ul	98
89) Di-n-octyl phthalate	22.515	149	1228854	23.647	ng/ul	100
90) Benzo(b)fluoranthene	23.549	252	1669019	21.036	ng/ul	99
91) Benzo(k)fluoranthene	23.614	252	1677533	21.227	ng/ul	98
93) Benzo(a)pyrene	24.366	252	1551549	21.141	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	27.932	276	1884484	20.934	ng/ul	97
95) Dibenzo(a,h)anthracene	27.979	278	1540943	20.996	ng/ul#	98
96) Benzo(g,h,i)perylene	28.996	276	1413654	20.712	ng/ul	99

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

