

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062939.D
 Acq On : 19 Sep 2024 12:12
 Operator : JU/RC
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020499

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 19 12:56:57 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Sep 18 00:45:18 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.856	152	44286	20.000	ng/u1	0.00
20) Naphthalene-d8	10.646	136	215269	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.489	164	164087	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	392379	20.000	ng/u1	0.00
79) Chrysene-d12	21.493	240	398147	20.000	ng/u1	# 0.00
88) Perylene-d12	24.536	264	463128	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.332	96	10192	6.741	ng/uL	0.00
4) Pyridine-d5	3.737	84	84745	20.646	ng/u1	0.00
7) Phenol-d5	7.027	99	97918	21.308	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.186	67	59529	23.148	ng/u1	0.00
11) 2-Chlorophenol-d4	7.391	132	65986	21.871	ng/u1	0.00
15) 4-Methylphenol-d8	8.567	113	79367	23.576	ng/u1	0.00
21) Nitrobenzene-d5	9.007	128	31860	18.577	ng/u1	0.00
24) 2-Nitrophenol-d4	9.730	143	40522	20.827	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.270	165	81679	20.234	ng/u1	0.00
31) 4-Chloroaniline-d4	10.782	131	94729	18.856	ng/u1	0.00
46) Dimethylphthalate-d6	13.896	166	242285	19.856	ng/u1	0.00
49) Acenaphthylene-d8	14.184	160	268477	19.700	ng/u1	0.00
54) 4-Nitrophenol-d4	14.695	143	36092	18.458	ng/u1	0.00
60) Fluorene-d10	15.482	176	227674	20.039	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.605	200	49478	20.860	ng/u1	0.00
73) Anthracene-d10	17.339	188	362591	19.553	ng/u1	0.00
81) Pyrene-d10	19.636	212	451437	18.721	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.325	264	473938	19.404	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.361	88	11654	7.789	ng/uL#	85
5) Pyridine	3.760	79	85276	20.863	ng/u1	89
6) Benzaldehyde	6.998	77	60845	24.192	ng/u1	98
8) Phenol	7.057	94	105068	21.917	ng/u1#	88
10) Bis(2-Chloroethyl)ether	7.280	93	67179	20.727	ng/u1	85
12) 2-Chlorophenol	7.427	128	65977	21.304	ng/u1	93
13) 2-Methylphenol	8.296	108	70929	21.391	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.373	45	78933	19.628	ng/u1	98
16) Acetophenone	8.672	105	126375	23.866	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.661	70	69679	22.535	ng/u1#	94
18) 4-Methylphenol	8.631	108	83558	23.025	ng/u1	94
19) Hexachloroethane	8.931	117	29629	22.520	ng/u1#	77
22) Nitrobenzene	9.048	77	107137	21.042	ng/u1#	92
23) Isophorone	9.571	82	195115	19.243	ng/u1#	96
25) 2-Nitrophenol	9.759	139	43576	20.396	ng/u1#	66
26) 2,4-Dimethylphenol	9.824	107	97340	20.335	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.053	93	102646	19.043	ng/u1	93
29) 2,4-Dichlorophenol	10.294	162	80472	20.138	ng/u1	98
30) Naphthalene	10.699	128	231848	19.397	ng/u1	95
32) 4-Chloroaniline	10.805	127	94949	19.413	ng/u1	95
33) Hexachlorobutadiene	10.981	225	71439	22.367	ng/u1	98
34) Caprolactam	11.557	113	25493m	19.163	ng/u1	
35) 4-Chloro-3-methylphenol	11.933	107	92537	20.148	ng/u1#	84
36) 2-Methylnaphthalene	12.303	142	167533	19.450	ng/u1	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.527	142	165657	19.004	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.674	216	127847	21.985	ng/ul	92
40) Hexachlorocyclopentadiene	12.656	237	72566	23.522	ng/ul	96
41) 2,4,6-Trichlorophenol	12.914	196	75086	20.721	ng/ul	91
42) 2,4,5-Trichlorophenol	12.991	196	83627	21.967	ng/ul	96
43) 1,1'-Biphenyl	13.320	154	241526	19.815	ng/ul#	96
44) 2-Chloronaphthalene	13.361	162	197711	20.183	ng/ul	95
45) 2-Nitroaniline	13.567	65	72827	21.989	ng/ul	91
47) Dimethylphthalate	13.943	163	248039	19.868	ng/ul	99
48) 2,6-Dinitrotoluene	14.066	165	52036	21.844	ng/ul#	87
50) Acenaphthylene	14.213	152	275027	19.168	ng/ul	97
51) 3-Nitroaniline	14.395	138	43204	20.224	ng/ul#	86
52) Acenaphthene	14.554	153	203096	19.488	ng/ul	96
53) 2,4-Dinitrophenol	14.601	184	30805	21.651	ng/ul	93
55) 4-Nitrophenol	14.706	109	49258	22.308	ng/ul#	82
56) Dibenzofuran	14.889	168	310853	20.113	ng/ul	95
57) 2,4-Dinitrotoluene	14.853	165	74324	20.701	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.118	232	70878	20.689	ng/ul#	98
59) Diethylphthalate	15.312	149	248811	17.912	ng/ul	96
61) Fluorene	15.541	166	229437	19.402	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.535	204	136993	20.995	ng/ul	98
63) 4-Nitroaniline	15.558	138	42385	19.769	ng/ul#	72
66) 4,6-Dinitro-2-methylph...	15.623	198	49910	19.670	ng/ul	93
67) N-Nitrosodiphenylamine	15.746	169	213830	19.405	ng/ul	95
68) 4-Bromophenyl-phenylether	16.428	248	95582	21.911	ng/ul	99
69) Hexachlorobenzene	16.545	284	114285	22.691	ng/ul	91
70) Atrazine	16.698	200	96514	21.117	ng/ul	96
71) Pentachlorophenol	16.892	266	54474	18.967	ng/ul	92
72) Phenanthrene	17.280	178	410470	19.692	ng/ul	98
74) Anthracene	17.374	178	419371	19.484	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.285	216	128738	21.516	ng/ul	96
76) Pentachlorobenzene	14.812	250	133640	21.162	ng/ul	97
77) Carbazole	17.644	167	332051	19.377	ng/ul	99
78) Di-n-butylphthalate	18.208	149	405926	18.418	ng/ul#	97
80) Fluoranthene	19.301	202	499373	18.976	ng/ul	96
82) Pyrene	19.665	202	523387	18.655	ng/ul#	93
83) Butylbenzylphthalate	20.558	149	176582	18.110	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.393	252	185373	20.759	ng/ul	100
85) Benzo(a)anthracene	21.469	228	535182	18.974	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.393	149	245120	17.399	ng/ul#	96
87) Chrysene	21.540	228	504739	19.126	ng/ul	96
89) Di-n-octyl phthalate	22.544	149	426679	17.396	ng/ul	100
90) Benzo(b)fluoranthene	23.573	252	539338m	19.129	ng/ul	
91) Benzo(k)fluoranthene	23.637	252	552453	19.667	ng/ul	98
93) Benzo(a)pyrene	24.389	252	510010	19.242	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	27.967	276	638610	19.662	ng/ul#	90
95) Dibenzo(a,h)anthracene	28.020	278	521302	20.078	ng/ul#	91
96) Benzo(g,h,i)perylene	29.031	276	487694	19.556	ng/ul#	95

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

