

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
 Data File : BG058963.D
 Acq On : 11 Sep 2023 00:21
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020551

Quant Time: Sep 11 02:00:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 11 00:07:05 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/11/2023
 Supervised By :mohammad ahmed 09/13/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.323	152	66260	20.000	ng/u1	# 0.00
20) Naphthalene-d8	11.167	136	315689	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.945	164	221806	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.701	188	544092	20.000	ng/u1	# 0.00
79) Chrysene-d12	22.025	240	528070	20.000	ng/u1	0.00
88) Perylene-d12	25.586	264	613551	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.641	96	13461	8.635	ng/uL	0.00
4) Pyridine-d5	4.070	84	103625	20.996	ng/u1	0.00
7) Phenol-d5	7.436	99	127644	19.104	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.642	67	77895	19.881	ng/u1	0.00
11) 2-Chlorophenol-d4	7.836	132	87018	20.306	ng/u1	0.00
15) 4-Methylphenol-d8	9.005	113	106531	20.637	ng/u1	0.00
21) Nitrobenzene-d5	9.522	128	47100	20.569	ng/u1	0.00
24) 2-Nitrophenol-d4	10.239	143	54962	21.874	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.762	165	107940	20.213	ng/u1	0.00
31) 4-Chloroaniline-d4	11.308	131	140979	19.632	ng/u1	0.00
46) Dimethylphthalate-d6	14.346	166	339346	19.723	ng/u1	0.00
49) Acenaphthylene-d8	14.651	160	371399	19.385	ng/u1	0.00
54) 4-Nitrophenol-d4	15.115	143	57219	20.021	ng/u1	0.00
60) Fluorene-d10	15.938	176	301349	19.736	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.038	200	49164	18.408	ng/u1	0.00
73) Anthracene-d10	17.795	188	468758	19.407	ng/u1	0.00
81) Pyrene-d10	20.068	212	549468	19.643	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.333	264	586818	19.511	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.676	88	14930	7.433	ng/uL#	93
5) Pyridine	4.093	79	105053	19.935	ng/u1	93
6) Benzaldehyde	7.471	77	87106	21.317	ng/u1	93
8) Phenol	7.460	94	139487	19.631	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.742	93	103969	20.020	ng/u1	95
12) 2-Chlorophenol	7.871	128	85997	19.414	ng/u1	92
13) 2-Methylphenol	8.741	108	109406	20.449	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.835	45	131800	21.136	ng/u1	98
16) Acetophenone	9.169	105	182252	21.295	ng/u1	99
17) N-Nitroso-di-n-propyla...	9.134	70	96981	20.215	ng/u1#	97
18) 4-Methylphenol	9.075	108	118919	20.352	ng/u1	99
19) Hexachloroethane	9.410	117	38587	20.785	ng/u1#	80
22) Nitrobenzene	9.563	77	138359	20.183	ng/u1	98
23) Isophorone	10.074	82	283163	19.446	ng/u1#	96
25) 2-Nitrophenol	10.274	139	51911	20.262	ng/u1#	87
26) 2,4-Dimethylphenol	10.292	107	129055	20.325	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.556	93	150959	19.342	ng/u1	98
29) 2,4-Dichlorophenol	10.791	162	99257	19.621	ng/u1	98
30) Naphthalene	11.220	128	332383	19.974	ng/u1#	96
32) 4-Chloroaniline	11.338	127	142615	20.685	ng/u1	94
33) Hexachlorobutadiene	11.449	225	76654	19.366	ng/u1	93
34) Caprolactam	12.107	113	34400m	19.161	ng/u1	
35) 4-Chloro-3-methylphenol	12.401	107	121842	19.603	ng/u1	96
36) 2-Methylnaphthalene	12.795	142	233439	18.800	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.018	142	234950	19.183	ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	13.141	216	140549	19.412	ng/ul#	94
40) Hexachlorocyclopentadiene	13.094	237	90616	17.009	ng/ul	91
41) 2,4,6-Trichlorophenol	13.376	196	91776	19.967	ng/ul	98
42) 2,4,5-Trichlorophenol	13.441	196	100480	20.192	ng/ul	97
43) 1,1'-Biphenyl	13.788	154	326526	19.694	ng/ul	96
44) 2-Chloronaphthalene	13.840	162	255917	20.209	ng/ul	96
45) 2-Nitroaniline	14.052	65	78847	20.302	ng/ul	91
47) Dimethylphthalate	14.393	163	324479	19.946	ng/ul	97
48) 2,6-Dinitrotoluene	14.528	165	64889	20.969	ng/ul	93
50) Acenaphthylene	14.681	152	410234	19.640	ng/ul	98
51) 3-Nitroaniline	14.869	138	60930	20.518	ng/ul	96
52) Acenaphthene	15.016	153	275914	19.684	ng/ul	97
53) 2,4-Dinitrophenol	15.063	184	32123	16.105	ng/ul	88
55) 4-Nitrophenol	15.127	109	65545	19.438	ng/ul	91
56) Dibenzofuran	15.345	168	402719	19.836	ng/ul	95
57) 2,4-Dinitrotoluene	15.309	165	89005	20.844	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.550	232	92039	19.364	ng/ul#	98
59) Diethylphthalate	15.738	149	312005	19.454	ng/ul	94
61) Fluorene	15.991	166	329198	19.728	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.979	204	171661	19.441	ng/ul	92
63) 4-Nitroaniline	16.026	138	60298	21.424	ng/ul	89
66) 4,6-Dinitro-2-methylph...	16.056	198	56345	19.330	ng/ul	98
67) N-Nitrosodiphenylamine	16.197	169	270775	18.880	ng/ul	97
68) 4-Bromophenyl-phenylether	16.872	248	113086	18.946	ng/ul	94
69) Hexachlorobenzene	16.960	284	128994	18.825	ng/ul	94
70) Atrazine	17.131	200	112617	20.065	ng/ul	100
71) Pentachlorophenol	17.313	266	78616	18.613	ng/ul	97
72) Phenanthrene	17.742	178	526214	19.056	ng/ul	99
74) Anthracene	17.830	178	541866	19.307	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.746	216	150571	19.178	ng/ul	92
76) Pentachlorobenzene	15.239	250	146337	19.287	ng/ul	95
77) Carbazole	18.106	167	468121	19.918	ng/ul	99
78) Di-n-butylphthalate	18.617	149	506493	19.440	ng/ul	99
80) Fluoranthene	19.734	202	624955	19.239	ng/ul	98
82) Pyrene	20.098	202	662154	19.607	ng/ul	97
83) Butylbenzylphthalate	20.962	149	220790	20.689	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.913	252	242119	20.666	ng/ul	95
85) Benzo(a)anthracene	21.996	228	682128	19.262	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.849	149	323002	20.210	ng/ul	99
87) Chrysene	22.072	228	647837	19.678	ng/ul	99
89) Di-n-octyl phthalate	23.182	149	539371	19.110	ng/ul	100
90) Benzo(b)fluoranthene	24.434	252	679799	18.600	ng/ul	99
91) Benzo(k)fluoranthene	24.510	252	706457	18.914	ng/ul	98
93) Benzo(a)pyrene	25.415	252	647056	18.975	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.716	276	824313m	19.131	ng/ul	
95) Dibenzo(a,h)anthracene	29.804	278	672843	18.846	ng/ul	97
96) Benzo(g,h,i)perylene	31.020	276	649740	19.051	ng/ul	98

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

