

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
 Data File : BG059225.D
 Acq On : 28 Sep 2023 8:51
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020575

Quant Time: Sep 29 00:52:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 09/30/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	44980	20.000	ng/u1	0.00
20) Naphthalene-d8	11.073	136	244934	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.869	164	152601	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.618	188	351893	20.000	ng/u1	0.00
79) Chrysene-d12	21.919	240	313594	20.000	ng/u1	0.00
88) Perylene-d12	25.403	264	370398	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.523	96	10070	8.450	ng/uL	0.00
4) Pyridine-d5	3.964	84	80561	23.167	ng/u1	0.00
7) Phenol-d5	7.354	99	101176	22.472	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.554	67	66391	23.083	ng/u1	0.00
11) 2-Chlorophenol-d4	7.747	132	72130	23.832	ng/u1	0.00
15) 4-Methylphenol-d8	8.928	113	76838	22.078	ng/u1	0.00
21) Nitrobenzene-d5	9.428	128	37636	21.775	ng/u1	0.00
24) 2-Nitrophenol-d4	10.145	143	38529	22.707	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.673	165	74985	21.513	ng/u1	0.00
31) 4-Chloroaniline-d4	11.220	131	115037	20.399	ng/u1	0.00
46) Dimethylphthalate-d6	14.263	166	238158	21.586	ng/u1	0.00
49) Acenaphthylene-d8	14.569	160	287782	20.781	ng/u1	0.00
54) 4-Nitrophenol-d4	15.057	143	40077	20.801	ng/u1	0.00
60) Fluorene-d10	15.856	176	220660	21.013	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.967	200	33716	18.640	ng/u1	0.00
73) Anthracene-d10	17.718	188	318378	19.856	ng/u1	0.00
81) Pyrene-d10	19.992	212	362947	20.667	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.162	264	350988	19.719	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.564	88	11295	8.067	ng/uL#	76
5) Pyridine	3.981	79	80280	22.735	ng/u1	95
6) Benzaldehyde	7.377	77	48147	24.351	ng/u1	94
8) Phenol	7.383	94	98903	22.082	ng/u1#	90
10) Bis(2-Chloroethyl)ether	7.648	93	85615	23.307	ng/u1	94
12) 2-Chlorophenol	7.777	128	74686	23.404	ng/u1	97
13) 2-Methylphenol	8.658	108	74068	21.888	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.735	45	184540m	22.725	ng/u1	
16) Acetophenone	9.075	105	125846	23.347	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.034	70	61740	22.581	ng/u1	98
18) 4-Methylphenol	8.987	108	81151	22.634	ng/u1	94
19) Hexachloroethane	9.316	117	29151	23.188	ng/u1	90
22) Nitrobenzene	9.475	77	90440	21.197	ng/u1#	97
23) Isophorone	9.980	82	189333	20.636	ng/u1	100
25) 2-Nitrophenol	10.186	139	42307	22.630	ng/u1#	91
26) 2,4-Dimethylphenol	10.203	107	88844	22.225	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.462	93	121121	20.923	ng/u1	98
29) 2,4-Dichlorophenol	10.703	162	75085	21.671	ng/u1	99
30) Naphthalene	11.126	128	267259	20.351	ng/u1	95
32) 4-Chloroaniline	11.243	127	112842	20.925	ng/u1	98
33) Hexachlorobutadiene	11.355	225	47824	20.624	ng/u1	89
34) Caprolactam	12.019	113	24775m	20.666	ng/u1	
35) 4-Chloro-3-methylphenol	12.324	107	79796	21.585	ng/u1	93
36) 2-Methylnaphthalene	12.712	142	175977	20.455	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.930	142	183975	21.070	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.053	216	91991	20.135	ng/ul	95
40) Hexachlorocyclopentadiene	13.006	237	57902	20.546	ng/ul	96
41) 2,4,6-Trichlorophenol	13.300	196	57227	20.459	ng/ul	87
42) 2,4,5-Trichlorophenol	13.370	196	61250	20.869	ng/ul	99
43) 1,1'-Biphenyl	13.705	154	256865	20.842	ng/ul	98
44) 2-Chloronaphthalene	13.758	162	194331	20.943	ng/ul	97
45) 2-Nitroaniline	13.976	65	58260	22.259	ng/ul	97
47) Dimethylphthalate	14.310	163	239116	21.159	ng/ul	99
48) 2,6-Dinitrotoluene	14.451	165	44155	22.973	ng/ul	89
50) Acenaphthylene	14.598	152	309899	20.965	ng/ul	97
51) 3-Nitroaniline	14.798	138	42073	20.277	ng/ul	99
52) Acenaphthene	14.933	153	215090	21.199	ng/ul	92
53) 2,4-Dinitrophenol	14.992	184	20493	19.180	ng/ul#	79
55) 4-Nitrophenol	15.068	109	28851	21.229	ng/ul	96
56) Dibenzofuran	15.262	168	277747	20.651	ng/ul	99
57) 2,4-Dinitrotoluene	15.233	165	60318	21.194	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.474	232	57741	21.731	ng/ul	91
59) Diethylphthalate	15.656	149	223437	20.452	ng/ul	97
61) Fluorene	15.909	166	234325	20.750	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.897	204	117944	20.951	ng/ul	95
63) 4-Nitroaniline	15.956	138	41807	21.895	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.979	198	37178	19.493	ng/ul	98
67) N-Nitrosodiphenylamine	16.114	169	188637	20.110	ng/ul	97
68) 4-Bromophenyl-phenylether	16.796	248	69889	20.501	ng/ul	94
69) Hexachlorobenzene	16.884	284	80312	20.853	ng/ul	93
70) Atrazine	17.048	200	74853	20.986	ng/ul	95
71) Pentachlorophenol	17.242	266	43266m	19.520	ng/ul	
72) Phenanthrene	17.659	178	390253	20.208	ng/ul	98
74) Anthracene	17.753	178	399893	20.054	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.664	216	93252	20.110	ng/ul	99
76) Pentachlorobenzene	15.156	250	93215	20.358	ng/ul	96
77) Carbazole	18.030	167	331539	20.400	ng/ul	99
78) Di-n-butylphthalate	18.535	149	393730	20.437	ng/ul	99
80) Fluoranthene	19.657	202	455291	21.045	ng/ul	99
82) Pyrene	20.021	202	458193	19.995	ng/ul	99
83) Butylbenzylphthalate	20.873	149	166508	20.605	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.813	252	157300	21.659	ng/ul	99
85) Benzo(a)anthracene	21.896	228	447821	20.286	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.731	149	257484	20.984	ng/ul#	96
87) Chrysene	21.972	228	423261	20.301	ng/ul	99
89) Di-n-octyl phthalate	23.030	149	434527	20.171	ng/ul	100
90) Benzo(b)fluoranthene	24.275	252	446403	19.677	ng/ul	97
91) Benzo(k)fluoranthene	24.352	252	456907	19.877	ng/ul	99
93) Benzo(a)pyrene	25.239	252	433777	20.156	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.428	276	490750m	20.144	ng/ul	
95) Dibenzo(a,h)anthracene	29.504	278	397721	20.075	ng/ul	98
96) Benzo(g,h,i)perylene	30.709	276	388860	19.631	ng/ul#	92

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

