

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091224\
 Data File : BG062779.D
 Acq On : 13 Sep 2024 2:51
 Operator : JU/RC
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020484

Quant Time: Sep 13 03:33:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 01:28:17 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/13/2024
 Supervised By :mohammad ahmed 09/14/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.902	152	56218	20.000	ng/u1	0.00
20) Naphthalene-d8	10.693	136	274939	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.530	164	232913	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.274	188	611457	20.000	ng/u1	0.00
79) Chrysene-d12	21.522	240	647893	20.000	ng/u1	0.00
88) Perylene-d12	24.583	264	712932	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.355	96	10735	8.632	ng/uL	0.00
4) Pyridine-d5	3.766	84	84693	21.394	ng/u1	0.00
7) Phenol-d5	7.068	99	88578	17.968	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.232	67	50802	17.189	ng/u1	0.00
11) 2-Chlorophenol-d4	7.432	132	66250	18.450	ng/u1	0.00
15) 4-Methylphenol-d8	8.607	113	82499	20.082	ng/u1	0.00
21) Nitrobenzene-d5	9.054	128	37970	19.323	ng/u1	0.00
24) 2-Nitrophenol-d4	9.776	143	45058	20.966	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.317	165	96328	20.582	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	122769	19.084	ng/u1	0.00
46) Dimethylphthalate-d6	13.936	166	334578	18.654	ng/u1	0.00
49) Acenaphthylene-d8	14.224	160	387880	19.472	ng/u1	0.00
54) 4-Nitrophenol-d4	14.730	143	59017	19.369	ng/u1	0.00
60) Fluorene-d10	15.523	176	313897	19.421	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	64141	18.236	ng/u1	0.00
73) Anthracene-d10	17.373	188	567532	19.667	ng/u1	0.00
81) Pyrene-d10	19.665	212	720604	19.765	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.371	264	733472	19.484	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.396	88	12179	8.738	ng/uL#	95
5) Pyridine	3.784	79	90736	21.853	ng/u1	98
6) Benzaldehyde	7.039	77	58578m	21.613	ng/u1	
8) Phenol	7.091	94	92750	18.099	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.321	93	67357	17.388	ng/u1	96
12) 2-Chlorophenol	7.467	128	71524	19.481	ng/u1	96
13) 2-Methylphenol	8.343	108	76464	19.899	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.419	45	131385	18.843	ng/u1	100
16) Acetophenone	8.719	105	133525	19.999	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.701	70	68885	19.709	ng/u1	94
18) 4-Methylphenol	8.666	108	88717	20.521	ng/u1	91
19) Hexachloroethane	8.977	117	30233	20.455	ng/u1	92
22) Nitrobenzene	9.095	77	97670	18.373	ng/u1	94
23) Isophorone	9.618	82	199287	18.337	ng/u1	99
25) 2-Nitrophenol	9.806	139	49598	20.940	ng/u1	94
26) 2,4-Dimethylphenol	9.870	107	100431	19.843	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.100	93	113112	18.623	ng/u1	96
29) 2,4-Dichlorophenol	10.341	162	96655	20.968	ng/u1#	93
30) Naphthalene	10.746	128	292070	19.812	ng/u1	99
32) 4-Chloroaniline	10.852	127	121274	18.955	ng/u1	100
33) Hexachlorobutadiene	11.034	225	79840	20.791	ng/u1	92
34) Caprolactam	11.592	113	29725m	17.497	ng/u1	
35) 4-Chloro-3-methylphenol	11.974	107	99495	19.787	ng/u1	95
36) 2-Methylnaphthalene	12.350	142	211961	19.482	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.573	142	218992	19.650	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.720	216	154379	19.280	ng/ul	98
40) Hexachlorocyclopentadiene	12.702	237	78085	19.059	ng/ul	94
41) 2,4,6-Trichlorophenol	12.961	196	94467	19.477	ng/ul	95
42) 2,4,5-Trichlorophenol	13.031	196	102873	19.755	ng/ul	96
43) 1,1'-Biphenyl	13.361	154	318294	19.433	ng/ul	99
44) 2-Chloronaphthalene	13.408	162	258888	19.438	ng/ul	99
45) 2-Nitroaniline	13.601	65	72906	19.949	ng/ul	98
47) Dimethylphthalate	13.983	163	345716	18.716	ng/ul	100
48) 2,6-Dinitrotoluene	14.101	165	69604	21.389	ng/ul	91
50) Acenaphthylene	14.254	152	405805	19.296	ng/ul	99
51) 3-Nitroaniline	14.430	138	68018	20.877	ng/ul	94
52) Acenaphthene	14.594	153	289812	19.455	ng/ul	97
53) 2,4-Dinitrophenol	14.641	184	34373	15.996	ng/ul#	89
55) 4-Nitrophenol	14.741	109	50498	18.438	ng/ul	97
56) Dibenzofuran	14.929	168	427589	19.322	ng/ul	99
57) 2,4-Dinitrotoluene	14.888	165	103976	20.436	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.153	232	105730	20.035	ng/ul	99
59) Diethylphthalate	15.346	149	344749	18.919	ng/ul	99
61) Fluorene	15.576	166	341343	19.635	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.570	204	201377	19.748	ng/ul	96
63) 4-Nitroaniline	15.593	138	71981	20.531	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.658	198	68211	18.709	ng/ul	98
67) N-Nitrosodiphenylamine	15.787	169	308426	19.668	ng/ul	100
68) 4-Bromophenyl-phenylether	16.469	248	139701	19.855	ng/ul	95
69) Hexachlorobenzene	16.586	284	160013	19.918	ng/ul	99
70) Atrazine	16.733	200	136956	19.609	ng/ul	99
71) Pentachlorophenol	16.927	266	120338	25.043	ng/ul	98
72) Phenanthrene	17.315	178	622119	19.565	ng/ul	99
74) Anthracene	17.409	178	630871	19.462	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.325	216	164324	19.679	ng/ul	98
76) Pentachlorobenzene	14.853	250	183938	19.878	ng/ul	94
77) Carbazole	17.679	167	545077	20.277	ng/ul	100
78) Di-n-butylphthalate	18.243	149	629364	19.797	ng/ul	99
80) Fluoranthene	19.330	202	797112	19.741	ng/ul	99
82) Pyrene	19.694	202	851097	19.581	ng/ul	100
83) Butylbenzylphthalate	20.587	149	269102	20.855	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.422	252	299967	21.991	ng/ul	99
85) Benzo(a)anthracene	21.504	228	887655	19.699	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.422	149	392248	20.645	ng/ul	100
87) Chrysene	21.569	228	841656	19.688	ng/ul	99
89) Di-n-octyl phthalate	22.579	149	663316	20.002	ng/ul	100
90) Benzo(b)fluoranthene	23.613	252	846342	19.228	ng/ul	99
91) Benzo(k)fluoranthene	23.678	252	876445	19.446	ng/ul	97
93) Benzo(a)pyrene	24.436	252	811633	19.549	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.037	276	1018460	19.910	ng/ul	99
95) Dibenzo(a,h)anthracene	28.084	278	821093	19.984	ng/ul	99
96) Benzo(g,h,i)perylene	29.107	276	775781	19.637	ng/ul	99

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

