

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061832.D
 Acq On : 2 Jul 2024 4:59
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020549

Quant Time: Jul 02 06:52:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.050	152	86124	20.000	ng/u1	0.00
20) Naphthalene-d8	10.864	136	405616	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.683	164	264398	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.427	188	602306	20.000	ng/u1	0.00
79) Chrysene-d12	21.687	240	507185	20.000	ng/u1	0.00
88) Perylene-d12	24.895	264	595592	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.455	96	18015m	7.556	ng/uL	0.00
4) Pyridine-d5	3.873	84	135231	18.761	ng/u1	0.00
7) Phenol-d5	7.204	99	176420	18.869	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.374	67	106435	18.262	ng/u1	0.00
11) 2-Chlorophenol-d4	7.586	132	123697	19.280	ng/u1	0.00
15) 4-Methylphenol-d8	8.749	113	131862	18.244	ng/u1	0.00
21) Nitrobenzene-d5	9.219	128	62199	22.584	ng/u1	0.00
24) 2-Nitrophenol-d4	9.942	143	70120	25.138	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.477	165	135262	20.479	ng/u1	0.00
31) 4-Chloroaniline-d4	10.999	131	181732	18.173	ng/u1	0.00
46) Dimethylphthalate-d6	14.084	166	391555	19.244	ng/u1	0.00
49) Acenaphthylene-d8	14.378	160	453595	20.342	ng/u1	0.00
54) 4-Nitrophenol-d4	14.871	143	68966	19.736	ng/u1	0.00
60) Fluorene-d10	15.670	176	349829	19.640	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.782	200	56183	21.814	ng/u1	0.00
73) Anthracene-d10	17.521	188	554883	20.183	ng/u1	0.00
81) Pyrene-d10	19.807	212	598486	21.125	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.678	264	566673	19.921	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.491	88	20689	6.983	ng/uL	90
5) Pyridine	3.890	79	135563	17.495	ng/u1	99
6) Benzaldehyde	7.192	77	105542m	22.940	ng/u1	
8) Phenol	7.227	94	184257	18.728	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.468	93	136573	18.443	ng/u1	95
12) 2-Chlorophenol	7.609	128	125072	19.431	ng/u1	95
13) 2-Methylphenol	8.491	108	127169	18.474	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.579	45	290873	19.226	ng/u1	99
16) Acetophenone	8.878	105	210034	17.648	ng/u1	90
17) N-Nitroso-di-n-propyla...	8.861	70	111410	17.426	ng/u1#	95
18) 4-Methylphenol	8.814	108	135582	17.581	ng/u1	97
19) Hexachloroethane	9.137	117	48777	18.899	ng/u1	88
22) Nitrobenzene	9.260	77	174225	21.959	ng/u1	96
23) Isophorone	9.783	82	328716	18.015	ng/u1	98
25) 2-Nitrophenol	9.971	139	70741	24.253	ng/u1#	68
26) 2,4-Dimethylphenol	10.024	107	161533	19.801	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.265	93	195939	18.983	ng/u1	93
29) 2,4-Dichlorophenol	10.506	162	123235	20.364	ng/u1	96
30) Naphthalene	10.917	128	424385	18.699	ng/u1	99
32) 4-Chloroaniline	11.023	127	178521	18.000	ng/u1	91
33) Hexachlorobutadiene	11.187	225	92107	22.035	ng/u1	96
34) Caprolactam	11.775	113	41960m	16.769	ng/u1	
35) 4-Chloro-3-methylphenol	12.133	107	153226	18.107	ng/u1	99
36) 2-Methylnaphthalene	12.515	142	296083	18.489	ng/u1	96

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37) 1-Methylnaphthalene	12.733	142	308690	18.066	ng/ul	91
39) 1,2,4,5-Tetrachloroben...	12.880	216	166148	22.204	ng/ul	98
40) Hexachlorocyclopentadiene	12.850	237	87630	19.683	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.115	196	104234	21.590	ng/ul	90
42) 2,4,5-Trichlorophenol	13.185	196	111840	21.254	ng/ul	90
43) 1,1'-Biphenyl	13.520	154	400561	20.914	ng/ul	98
44) 2-Chloronaphthalene	13.561	162	304065	20.668	ng/ul	98
45) 2-Nitroaniline	13.761	65	127213	25.259	ng/ul	93
47) Dimethylphthalate	14.131	163	380343	18.825	ng/ul	99
48) 2,6-Dinitrotoluene	14.254	165	79179	23.616	ng/ul	94
50) Acenaphthylene	14.407	152	490589	19.710	ng/ul	98
51) 3-Nitroaniline	14.583	138	83044	24.187	ng/ul#	97
52) Acenaphthene	14.748	153	339301	19.684	ng/ul	93
53) 2,4-Dinitrophenol	14.789	184	37438	21.974	ng/ul#	84
55) 4-Nitrophenol	14.883	109	70736	19.602	ng/ul	96
56) Dibenzofuran	15.077	168	471114	19.531	ng/ul	92
57) 2,4-Dinitrotoluene	15.036	165	118218	23.754	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.300	232	100117	19.404	ng/ul	91
59) Diethylphthalate	15.494	149	387228	18.609	ng/ul	96
61) Fluorene	15.729	166	385840	19.328	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.717	204	194014	19.577	ng/ul	97
63) 4-Nitroaniline	15.747	138	86900	23.891	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.800	198	61771	21.174	ng/ul#	91
67) N-Nitrosodiphenylamine	15.929	169	323764	20.787	ng/ul	99
68) 4-Bromophenyl-phenylether	16.611	248	134385	21.670	ng/ul	98
69) Hexachlorobenzene	16.722	284	156564	20.803	ng/ul	98
70) Atrazine	16.875	200	128919	20.722	ng/ul	97
71) Pentachlorophenol	17.069	266	79928	17.435	ng/ul	97
72) Phenanthrene	17.468	178	635400	20.052	ng/ul	99
74) Anthracene	17.556	178	641854	19.808	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.485	216	166519	24.815	ng/ul	98
76) Pentachlorobenzene	14.995	250	180306	22.374	ng/ul	95
77) Carbazole	17.827	167	552830	20.093	ng/ul	100
78) Di-n-butylphthalate	18.379	149	684476	20.801	ng/ul	99
80) Fluoranthene	19.472	202	703755	21.409	ng/ul	98
82) Pyrene	19.836	202	724780	20.736	ng/ul	95
83) Butylbenzylphthalate	20.717	149	293723	23.081	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.581	252	239902	22.370	ng/ul	96
85) Benzo(a)anthracene	21.669	228	714439	20.068	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.575	149	428766	22.921	ng/ul	96
87) Chrysene	21.734	228	660795	19.616	ng/ul	99
89) Di-n-octyl phthalate	22.791	149	722390	22.996	ng/ul	100
90) Benzo(b)fluoranthene	23.878	252	728189	20.339	ng/ul	97
91) Benzo(k)fluoranthene	23.949	252	709635	19.273	ng/ul	98
93) Benzo(a)pyrene	24.748	252	676142	19.616	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.561	276	882417m	20.544	ng/ul	
95) Dibenzo(a,h)anthracene	28.626	278	722053	20.217	ng/ul	98
96) Benzo(g,h,i)perylene	29.707	276	684268	19.763	ng/ul	98

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

