

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091523\
 Data File : BG059078.D
 Acq On : 15 Sep 2023 22:24
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020562

Quant Time: Sep 16 04:48:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 16 00:35:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/18/2023
 Supervised By :mohammad ahmed 09/18/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	43204	20.000	ng/ul	# 0.00
20) Naphthalene-d8	11.143	136	216684	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.926	164	143857	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.676	188	325423	20.000	ng/ul	0.00
79) Chrysene-d12	22.001	240	287904	20.000	ng/ul	0.00
88) Perylene-d12	25.549	264	332755	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.610	96	9679	10.603	ng/uL	0.00
4) Pyridine-d5	4.039	84	67498	21.107	ng/ul	0.00
7) Phenol-d5	7.406	99	88888	20.666	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.617	67	56132	21.338	ng/ul	0.00
11) 2-Chlorophenol-d4	7.811	132	66593	20.796	ng/ul	0.00
15) 4-Methylphenol-d8	8.980	113	70274	20.111	ng/ul	0.00
21) Nitrobenzene-d5	9.498	128	35619	20.309	ng/ul	0.00
24) 2-Nitrophenol-d4	10.214	143	38908	21.948	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.737	165	70927	20.812	ng/ul	0.00
31) 4-Chloroaniline-d4	11.284	131	110170	20.731	ng/ul	0.00
46) Dimethylphthalate-d6	14.321	166	241284	21.863	ng/ul	0.00
49) Acenaphthylene-d8	14.627	160	261269	21.947	ng/ul	0.00
54) 4-Nitrophenol-d4	15.097	143	48129	22.118	ng/ul	0.00
60) Fluorene-d10	15.914	176	204837	21.530	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.019	200	39597	21.142	ng/ul	0.00
73) Anthracene-d10	17.776	188	316871	21.339	ng/ul	0.00
81) Pyrene-d10	20.050	212	359191	21.967	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.297	264	353473	21.524	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.651	88	10385	8.070	ng/uL	92
5) Pyridine	4.063	79	71258	22.116	ng/ul	97
6) Benzaldehyde	7.441	77	53758	23.905	ng/ul	93
8) Phenol	7.435	94	88444	19.902	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.711	93	70689	20.740	ng/ul#	87
12) 2-Chlorophenol	7.847	128	68217	20.870	ng/ul	95
13) 2-Methylphenol	8.716	108	71933	19.985	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.810	45	148099	20.399	ng/ul#	95
16) Acetophenone	9.139	105	121237	21.037	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.098	70	57799	19.351	ng/ul	97
18) 4-Methylphenol	9.045	108	80619	20.185	ng/ul	99
19) Hexachloroethane	9.380	117	25639	19.510	ng/ul#	90
22) Nitrobenzene	9.533	77	85697	19.815	ng/ul	98
23) Isophorone	10.044	82	179957	20.611	ng/ul	99
25) 2-Nitrophenol	10.244	139	40787	20.810	ng/ul	88
26) 2,4-Dimethylphenol	10.267	107	81534	20.605	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.526	93	103718	20.632	ng/ul#	92
29) 2,4-Dichlorophenol	10.761	162	68330	19.978	ng/ul	98
30) Naphthalene	11.196	128	245970	20.936	ng/ul#	97
32) 4-Chloroaniline	11.307	127	106277	20.790	ng/ul	98
33) Hexachlorobutadiene	11.425	225	40178	20.727	ng/ul	93
34) Caprolactam	12.077	113	26679	20.206	ng/ul#	75
35) 4-Chloro-3-methylphenol	12.377	107	84265	20.427	ng/ul	97
36) 2-Methylnaphthalene	12.770	142	167109	20.858	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.988	142	168681	20.535	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	13.117	216	81706	22.023	ng/ul	97
40) Hexachlorocyclopentadiene	13.070	237	48792	21.552	ng/ul	98
41) 2,4,6-Trichlorophenol	13.352	196	59414	21.368	ng/ul	96
42) 2,4,5-Trichlorophenol	13.422	196	65925	21.652	ng/ul	93
43) 1,1'-Biphenyl	13.763	154	219740	21.441	ng/ul	99
44) 2-Chloronaphthalene	13.816	162	186040	21.873	ng/ul	96
45) 2-Nitroaniline	14.028	65	65942	21.989	ng/ul	98
47) Dimethylphthalate	14.368	163	240246	21.379	ng/ul	98
48) 2,6-Dinitrotoluene	14.509	165	48628	21.877	ng/ul	96
50) Acenaphthylene	14.656	152	305172	21.534	ng/ul	99
51) 3-Nitroaniline	14.844	138	54421	23.637	ng/ul	99
52) Acenaphthene	14.991	153	197722	21.474	ng/ul	97
53) 2,4-Dinitrophenol	15.038	184	24971	20.430	ng/ul#	84
55) 4-Nitrophenol	15.114	109	34817	21.893	ng/ul	94
56) Dibenzofuran	15.320	168	282485	21.274	ng/ul	100
57) 2,4-Dinitrotoluene	15.285	165	70971	22.128	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.526	232	58160	21.612	ng/ul	97
59) Diethylphthalate	15.714	149	243385	21.361	ng/ul	99
61) Fluorene	15.972	166	244729	21.732	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.955	204	108261	21.037	ng/ul	96
63) 4-Nitroaniline	16.008	138	50570m	23.218	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.037	198	40750	20.261	ng/ul#	94
67) N-Nitrosodiphenylamine	16.172	169	200765	20.827	ng/ul	97
68) 4-Bromophenyl-phenylether	16.854	248	67697	21.011	ng/ul	93
69) Hexachlorobenzene	16.942	284	78959	21.684	ng/ul	97
70) Atrazine	17.106	200	79307	23.089	ng/ul	97
71) Pentachlorophenol	17.294	266	49052m	21.220	ng/ul	
72) Phenanthrene	17.723	178	388293	21.411	ng/ul	98
74) Anthracene	17.811	178	398318	21.240	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.722	216	84821	21.713	ng/ul	95
76) Pentachlorobenzene	15.220	250	81759	21.636	ng/ul	93
77) Carbazole	18.087	167	367821	21.733	ng/ul	97
78) Di-n-butylphthalate	18.593	149	457187	20.806	ng/ul	98
80) Fluoranthene	19.715	202	441327	21.413	ng/ul	99
82) Pyrene	20.079	202	463599	21.514	ng/ul	97
83) Butylbenzylphthalate	20.937	149	185854	21.155	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.889	252	159255	23.070	ng/ul	97
85) Benzo(a)anthracene	21.977	228	444608	21.477	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.813	149	285702	21.253	ng/ul	96
87) Chrysene	22.048	228	416030	21.881	ng/ul	98
89) Di-n-octyl phthalate	23.140	149	482778	21.157	ng/ul	100
90) Benzo(b)fluoranthene	24.398	252	436040	21.074	ng/ul	99
91) Benzo(k)fluoranthene	24.474	252	455588	21.838	ng/ul	100
93) Benzo(a)pyrene	25.373	252	420884	21.499	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	29.656	276	467685m	21.225	ng/ul	
95) Dibenzo(a,h)anthracene	29.739	278	369784	21.046	ng/ul	94
96) Benzo(g,h,i)perylene	30.955	276	377251	21.009	ng/ul	97

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

