

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091423\
 Data File : BG059066.D
 Acq On : 14 Sep 2023 16:07
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV420

Quant Time: Sep 15 05:52:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 15 05:41:31 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

09/15/2023
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.302	152	66529	20.000	ng/u1	0.00
20) Naphthalene-d8	11.146	136	305991	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.930	164	232633	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.679	188	661842	20.000	ng/u1	# 0.00
79) Chrysene-d12	22.004	240	660807	20.000	ng/u1	0.00
88) Perylene-d12	25.558	264	757490	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.614	96	10677	6.671	ng/uL	0.00
4) Pyridine-d5	4.037	84	99124	21.207	ng/u1	0.00
7) Phenol-d5	7.409	99	131201	19.037	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.621	67	71601	18.228	ng/u1	0.00
11) 2-Chlorophenol-d4	7.815	132	84536	18.468	ng/u1	0.00
15) 4-Methylphenol-d8	8.984	113	106934	19.098	ng/u1	0.00
21) Nitrobenzene-d5	9.501	128	45880	19.678	ng/u1	0.00
24) 2-Nitrophenol-d4	10.218	143	52984	18.695	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.741	165	108043	19.718	ng/u1	0.00
31) 4-Chloroaniline-d4	11.287	131	143367	19.455	ng/u1	0.00
46) Dimethylphthalate-d6	14.325	166	380942	19.980	ng/u1	0.00
49) Acenaphthylene-d8	14.636	160	420362	20.474	ng/u1	0.00
54) 4-Nitrophenol-d4	15.100	143	74874	22.702	ng/u1	0.00
60) Fluorene-d10	15.917	176	355631	20.514	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.023	200	80256	20.309	ng/u1	0.00
73) Anthracene-d10	17.779	188	608305	20.308	ng/u1	0.00
81) Pyrene-d10	20.053	212	733986	20.021	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.306	264	752878	19.984	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.643	88	13768	6.607	ng/uL#	74
5) Pyridine	4.060	79	99158	20.295	ng/u1	90
6) Benzaldehyde	7.444	77	85065	21.997	ng/u1	88
8) Phenol	7.439	94	136812	18.363	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.709	93	91849	17.826	ng/u1	88
12) 2-Chlorophenol	7.844	128	86724	18.815	ng/u1	94
13) 2-Methylphenol	8.713	108	103347	17.942	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.802	45	112883	18.487	ng/u1#	87
16) Acetophenone	9.142	105	171028	18.252	ng/u1#	96
17) N-Nitroso-di-n-propyla...	9.107	70	91154	17.958	ng/u1	98
18) 4-Methylphenol	9.048	108	114634	18.036	ng/u1	99
19) Hexachloroethane	9.383	117	38060	19.092	ng/u1	91
22) Nitrobenzene	9.542	77	133126	19.355	ng/u1	97
23) Isophorone	10.047	82	281195	18.709	ng/u1	99
25) 2-Nitrophenol	10.247	139	54224	19.418	ng/u1#	92
26) 2,4-Dimethylphenol	10.270	107	136364	20.370	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.529	93	132814	18.035	ng/u1	92
29) 2,4-Dichlorophenol	10.764	162	99875	19.928	ng/u1	88
30) Naphthalene	11.193	128	313221	19.750	ng/u1	98
32) 4-Chloroaniline	11.310	127	139375	19.821	ng/u1	97
33) Hexachlorobutadiene	11.428	225	81239	20.368	ng/u1	92
34) Caprolactam	12.074	113	41417m	21.261	ng/u1	
35) 4-Chloro-3-methylphenol	12.374	107	129052	19.201	ng/u1	90
36) 2-Methylnaphthalene	12.779	142	245909	20.442	ng/u1	94

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37) 1-Methylnaphthalene	12.991	142	247895	20.161	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	13.120	216	146688	19.462	ng/ul#	88
40) Hexachlorocyclopentadiene	13.067	237	110924	20.361	ng/ul#	89
41) 2,4,6-Trichlorophenol	13.361	196	100844	19.976	ng/ul#	91
42) 2,4,5-Trichlorophenol	13.426	196	109002	20.141	ng/ul	95
43) 1,1'-Biphenyl	13.766	154	350084	20.347	ng/ul	95
44) 2-Chloronaphthalene	13.819	162	269344	20.382	ng/ul	100
45) 2-Nitroaniline	14.031	65	89559	19.407	ng/ul	97
47) Dimethylphthalate	14.372	163	360266	19.825	ng/ul	98
48) 2,6-Dinitrotoluene	14.513	165	77691	20.413	ng/ul	95
50) Acenaphthylene	14.659	152	458623	20.629	ng/ul	98
51) 3-Nitroaniline	14.853	138	74844	21.670	ng/ul	95
52) Acenaphthene	14.994	153	305258	20.405	ng/ul	95
53) 2,4-Dinitrophenol	15.041	184	46407	19.600	ng/ul	94
55) 4-Nitrophenol	15.118	109	92913	22.469	ng/ul	88
56) Dibenzofuran	15.323	168	450005	20.383	ng/ul	98
57) 2,4-Dinitrotoluene	15.288	165	115002	20.957	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.529	232	121154	21.462	ng/ul#	98
59) Diethylphthalate	15.717	149	380956	20.448	ng/ul	97
61) Fluorene	15.976	166	382933	20.509	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.958	204	211078	20.623	ng/ul	97
63) 4-Nitroaniline	16.011	138	77817	24.362	ng/ul	94
66) 4,6-Dinitro-2-methylph...	16.040	198	86625	20.527	ng/ul	99
67) N-Nitrosodiphenylamine	16.175	169	335290	19.994	ng/ul	98
68) 4-Bromophenyl-phenylether	16.857	248	147282	19.219	ng/ul	90
69) Hexachlorobenzene	16.945	284	173451	20.710	ng/ul	97
70) Atrazine	17.110	200	157507	21.677	ng/ul	95
71) Pentachlorophenol	17.298	266	108779	20.205	ng/ul	93
72) Phenanthrene	17.726	178	683618	20.700	ng/ul	97
74) Anthracene	17.815	178	712406	20.847	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.731	216	163064	18.828	ng/uL	95
76) Pentachlorobenzene	15.218	250	177957	19.647	ng/uL	97
77) Carbazole	18.091	167	605383	21.750	ng/ul	96
78) Di-n-butylphthalate	18.596	149	690467	20.680	ng/ul	100
80) Fluoranthene	19.718	202	847538	20.979	ng/ul#	97
82) Pyrene	20.083	202	873762	20.098	ng/ul	97
83) Butylbenzylphthalate	20.940	149	305252	19.780	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.892	252	334232	22.362	ng/ul#	98
85) Benzo(a)anthracene	21.980	228	916138	20.385	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.822	149	449510	20.140	ng/ul	99
87) Chrysene	22.051	228	837550	20.142	ng/ul	97
89) Di-n-octyl phthalate	23.144	149	755805	20.452	ng/ul	100
90) Benzo(b)fluoranthene	24.407	252	929937	20.905	ng/ul	93
91) Benzo(k)fluoranthene	24.483	252	916233	20.220	ng/ul	99
93) Benzo(a)pyrene	25.382	252	856848	20.448	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	29.660	276	1066395m	20.491	ng/ul	
95) Dibenzo(a,h)anthracene	29.759	278	834268	19.939	ng/ul#	92
96) Benzo(g,h,i)perylene	30.970	276	828657	19.775	ng/ul#	95

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

