

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110323\
 Data File : BG059609.D
 Acq On : 3 Nov 2023 21:04
 Operator : MA/JU
 Sample : SSTD04070
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD040444

Quant Time: Nov 04 01:31:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 01:51:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/06/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.358	152	30485	20.000	ng/ul	# 0.01
20) Naphthalene-d8	11.202	136	147203	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.986	164	98142	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.735	188	208786m	20.000	ng/ul	0.00
79) Chrysene-d12	22.071	240	172020	20.000	ng/ul	0.00
88) Perylene-d12	25.679	264	233951	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.652	96	11696	14.922	ng/uL	0.00
4) Pyridine-d5	4.081	84	98309	44.250	ng/ul	0.00
7) Phenol-d5	7.465	99	131659	43.442	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.671	67	71289	49.072	ng/ul	0.00
11) 2-Chlorophenol-d4	7.870	132	95150	39.939	ng/ul	0.00
15) 4-Methylphenol-d8	9.046	113	109670	45.424	ng/ul	0.00
21) Nitrobenzene-d5	9.551	128	47592	45.319	ng/ul	0.00
24) 2-Nitrophenol-d4	10.268	143	53675	48.849	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.796	165	102198	43.854	ng/ul	0.00
31) 4-Chloroaniline-d4	11.343	131	153033	40.531	ng/ul	0.00
46) Dimethylphthalate-d6	14.380	166	332170	38.366	ng/ul	0.00
49) Acenaphthylene-d8	14.686	160	394723	38.670	ng/ul	0.00
54) 4-Nitrophenol-d4	15.162	143	56288	38.147	ng/ul	0.00
60) Fluorene-d10	15.973	176	297356	39.266	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.078	200	56053m	53.605	ng/ul	0.00
73) Anthracene-d10	17.835	188	458677	40.938	ng/ul	0.00
81) Pyrene-d10	20.109	212	475879	40.325	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.426	264	580117	42.369	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.687	88	12697	13.822	ng/uL#	80
5) Pyridine	4.104	79	106534	47.539	ng/ul	96
6) Benzaldehyde	7.500	77	86412	58.884	ng/ul	96
8) Phenol	7.494	94	130176	45.641	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.771	93	90998	43.138	ng/ul	93
12) 2-Chlorophenol	7.900	128	97371	40.360	ng/ul#	85
13) 2-Methylphenol	8.775	108	105093	43.608	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.863	45	37718	21.373	ng/ul#	92
16) Acetophenone	9.198	105	189428	47.820	ng/ul	90
17) N-Nitroso-di-n-propyla...	9.169	70	106963	56.025	ng/ul#	90
18) 4-Methylphenol	9.110	108	121225	47.217	ng/ul	88
19) Hexachloroethane	9.439	117	42245	43.306	ng/ul#	89
22) Nitrobenzene	9.598	77	141453	58.393	ng/ul#	89
23) Isophorone	10.109	82	306771	51.253	ng/ul	97
25) 2-Nitrophenol	10.309	139	57080	48.196	ng/ul#	80
26) 2,4-Dimethylphenol	10.326	107	147058	47.546	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.591	93	127245	40.858	ng/ul	98
29) 2,4-Dichlorophenol	10.832	162	95082	42.582	ng/ul	90
30) Naphthalene	11.255	128	352679	39.267	ng/ul#	97
32) 4-Chloroaniline	11.366	127	147291	41.118	ng/ul	96
33) Hexachlorobutadiene	11.490	225	62740	45.133	ng/ul	90
34) Caprolactam	12.148	113	32300m	40.751	ng/ul	
35) 4-Chloro-3-methylphenol	12.436	107	126242	45.865	ng/ul#	82
36) 2-Methylnaphthalene	12.835	142	259358	41.407	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.047	142	260866	41.445	ng/ul	89
39) 1,2,4,5-Tetrachloroben...	13.176	216	116851	41.798	ng/ul#	92
40) Hexachlorocyclopentadiene	13.129	237	80783	48.873	ng/ul	93
41) 2,4,6-Trichlorophenol	13.417	196	80127	42.562	ng/ul	91
42) 2,4,5-Trichlorophenol	13.487	196	86857	41.848	ng/ul#	84
43) 1,1'-Biphenyl	13.822	154	358161	40.579	ng/ul	97
44) 2-Chloronaphthalene	13.875	162	267112	39.309	ng/ul	93
45) 2-Nitroaniline	14.093	65	68902	52.227	ng/ul	94
47) Dimethylphthalate	14.428	163	339548	39.151	ng/ul#	97
48) 2,6-Dinitrotoluene	14.569	165	60739	45.507	ng/ul#	94
50) Acenaphthylene	14.715	152	456874	38.865	ng/ul	97
51) 3-Nitroaniline	14.909	138	69199	42.218	ng/ul#	85
52) Acenaphthene	15.050	153	291837	37.962	ng/ul	97
53) 2,4-Dinitrophenol	15.097	184	40707	50.801	ng/ul#	94
55) 4-Nitrophenol	15.174	109	97069	54.150	ng/ul	90
56) Dibenzofuran	15.379	168	393833	39.352	ng/ul	95
57) 2,4-Dinitrotoluene	15.344	165	92157	46.803	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.585	232	74316	44.456	ng/ul#	81
59) Diethylphthalate	15.773	149	354900	37.976	ng/ul	98
61) Fluorene	16.032	166	335253	38.776	ng/ul#	85
62) 4-Chlorophenyl-phenyle...	16.008	204	160703	41.909	ng/ul	97
63) 4-Nitroaniline	16.073	138	65803	38.885	ng/ul#	70
66) 4,6-Dinitro-2-methylph...	16.096	198	51164m	46.462	ng/ul	
67) N-Nitrosodiphenylamine	16.231	169	287340	40.685	ng/ul	97
68) 4-Bromophenyl-phenylether	16.913	248	91845	43.187	ng/ul	94
69) Hexachlorobenzene	17.001	284	98110	41.175	ng/ul	90
70) Atrazine	17.165	200	103154	46.439	ng/ul#	86
71) Pentachlorophenol	17.353	266	62251	45.018	ng/ul	93
72) Phenanthrene	17.782	178	524492m	39.121	ng/ul	
74) Anthracene	17.871	178	548053	40.535	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.781	216	121205	44.837	ng/uL#	77
76) Pentachlorobenzene	15.274	250	116420	44.211	ng/uL	92
77) Carbazole	18.147	167	470313	41.102	ng/ul	98
78) Di-n-butylphthalate	18.652	149	534578	34.672	ng/ul	98
80) Fluoranthene	19.774	202	582013	40.329	ng/ul#	95
82) Pyrene	20.133	202	579200	38.680	ng/ul#	97
83) Butylbenzylphthalate	20.996	149	216862	33.132	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.960	252	190926	43.395	ng/ul#	98
85) Benzo(a)anthracene	22.054	228	558881	39.394	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.889	149	322911	33.325	ng/ul#	99
87) Chrysene	22.124	228	507581	38.911	ng/ul	95
89) Di-n-octyl phthalate	23.241	149	550030	29.558	ng/ul	100
90) Benzo(b)fluoranthene	24.510	252	705641	43.234	ng/ul#	95
91) Benzo(k)fluoranthene	24.598	252	717027	43.497	ng/ul	99
93) Benzo(a)pyrene	25.515	252	660119	41.345	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	29.868	276	846546m	42.139	ng/ul	
95) Dibenzo(a,h)anthracene	29.956	278	685391	41.043	ng/ul	97
96) Benzo(g,h,i)perylene	31.214	276	644287	39.057	ng/ul#	96

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

