

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
 Data File : BG059258.D
 Acq On : 29 Sep 2023 7:54
 Operator : MA/JU
 Sample : 04480-18MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP539

Quant Time: Sep 29 08:49:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 09/30/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	40832	20.000	ng/u1	0.00
20) Naphthalene-d8	11.073	136	195608	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.868	164	123505	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.612	188	270255	20.000	ng/u1	0.00
79) Chrysene-d12	21.919	240	240212	20.000	ng/u1	0.00
88) Perylene-d12	25.403	264	278085	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	5191	4.798	ng/uL	0.00
4) Pyridine-d5	3.963	84	36712	11.630	ng/u1	0.00
7) Phenol-d5	7.359	99	49332	12.070	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	117145	44.867	ng/u1	0.00
11) 2-Chlorophenol-d4	7.747	132	110946	40.381	ng/u1	0.00
15) 4-Methylphenol-d8	8.928	113	78237	24.763	ng/u1	0.00
21) Nitrobenzene-d5	9.427	128	72164	52.280	ng/u1	0.00
24) 2-Nitrophenol-d4	10.150	143	73936	54.563	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.679	165	129538	46.535	ng/u1	0.00
31) 4-Chloroaniline-d4	11.219	131	74665	16.578	ng/u1	0.00
46) Dimethylphthalate-d6	14.263	166	497288	55.691	ng/u1	0.00
49) Acenaphthylene-d8	14.569	160	568393	50.713	ng/u1	0.00
54) 4-Nitrophenol-d4	15.056	143	22879	14.673	ng/u1	0.00
60) Fluorene-d10	15.855	176	451403	53.114	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.967	200	82356	59.284	ng/u1	0.00
73) Anthracene-d10	17.718	188	670534	54.452	ng/u1	0.00
81) Pyrene-d10	19.992	212	767292	57.039	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.156	264	757489	56.684	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.570	88	9414	7.406	ng/uL#	63
5) Pyridine	3.987	79	38234	11.927	ng/u1#	91
6) Benzaldehyde	7.377	77	113498	63.234	ng/u1	97
8) Phenol	7.389	94	52854	13.000	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.647	93	160085	48.007	ng/u1	94
12) 2-Chlorophenol	7.782	128	113010	39.012	ng/u1	96
13) 2-Methylphenol	8.664	108	87923	28.622	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.734	45	333814m	45.283	ng/u1	
16) Acetophenone	9.075	105	228753	46.750	ng/u1	96
17) N-Nitroso-di-n-propyla...	9.040	70	113713	45.815	ng/u1#	97
18) 4-Methylphenol	8.993	108	82987	25.497	ng/u1	89
19) Hexachloroethane	9.316	117	54621	47.862	ng/u1	98
22) Nitrobenzene	9.474	77	171908	50.452	ng/u1	97
23) Isophorone	9.980	82	361577	49.347	ng/u1	99
25) 2-Nitrophenol	10.180	139	77278	51.759	ng/u1#	88
26) 2,4-Dimethylphenol	10.209	107	90975	28.497	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.462	93	222739	48.179	ng/u1	96
29) 2,4-Dichlorophenol	10.702	162	132564	47.908	ng/u1	93
30) Naphthalene	11.125	128	516928	49.288	ng/u1	95
32) 4-Chloroaniline	11.243	127	76740	17.819	ng/u1	91
33) Hexachlorobutadiene	11.355	225	86683	46.808	ng/u1	93
34) Caprolactam	12.036	113	8769	9.159	ng/u1	86
35) 4-Chloro-3-methylphenol	12.318	107	135388	45.857	ng/u1	94
36) 2-Methylnaphthalene	12.712	142	335814	48.877	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.929	142	337171	48.352	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.053	216	173885	47.027	ng/ul	99
40) Hexachlorocyclopentadiene	13.012	237	87466	38.348	ng/ul#	87
41) 2,4,6-Trichlorophenol	13.299	196	117027	51.695	ng/ul#	77
42) 2,4,5-Trichlorophenol	13.370	196	125159	52.689	ng/ul	98
43) 1,1'-Biphenyl	13.705	154	489507	49.076	ng/ul	99
44) 2-Chloronaphthalene	13.758	162	378521	50.403	ng/ul	98
45) 2-Nitroaniline	13.975	65	131803	62.221	ng/ul	97
47) Dimethylphthalate	14.310	163	511423	55.918	ng/ul	100
48) 2,6-Dinitrotoluene	14.457	165	102954	66.184	ng/ul	90
50) Acenaphthylene	14.598	152	618766	51.721	ng/ul	99
51) 3-Nitroaniline	14.792	138	91729	54.624	ng/ul#	98
52) Acenaphthene	14.933	153	428166	52.141	ng/ul	94
53) 2,4-Dinitrophenol	14.992	184	49049	56.723	ng/ul#	84
55) 4-Nitrophenol	15.074	109	17392	15.812	ng/ul	94
56) Dibenzofuran	15.262	168	577326	53.039	ng/ul	98
57) 2,4-Dinitrotoluene	15.232	165	152486	66.203	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.473	232	116387	54.123	ng/ul#	95
59) Diethylphthalate	15.655	149	495242	56.011	ng/ul	95
61) Fluorene	15.914	166	501566	54.878	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.896	204	244082	53.573	ng/ul	96
63) 4-Nitroaniline	15.961	138	94017	60.837	ng/ul#	87
66) 4,6-Dinitro-2-methylph...	15.984	198	92285	63.004	ng/ul#	91
67) N-Nitrosodiphenylamine	16.114	169	391408	54.332	ng/ul	97
68) 4-Bromophenyl-phenylether	16.789	248	148441	56.696	ng/ul	96
69) Hexachlorobenzene	16.883	284	170241	57.556	ng/ul	93
70) Atrazine	17.048	200	63641	23.233	ng/ul#	96
71) Pentachlorophenol	17.236	266	94770	55.671	ng/ul	99
72) Phenanthrene	17.659	178	860274	58.004	ng/ul	98
74) Anthracene	17.753	178	863279	56.370	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.664	216	175558	49.295	ng/uL	93
76) Pentachlorobenzene	15.156	250	177962	50.608	ng/uL	96
77) Carbazole	18.029	167	731078	58.572	ng/ul	99
78) Di-n-butylphthalate	18.534	149	898953	60.757	ng/ul	99
80) Fluoranthene	19.657	202	974808	58.824	ng/ul	98
82) Pyrene	20.021	202	1008643	57.463	ng/ul	100
83) Butylbenzylphthalate	20.873	149	385272	62.242	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.813	252	186940	33.604	ng/ul#	98
85) Benzo(a)anthracene	21.895	228	966838	57.177	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.731	149	573684	61.034	ng/ul	96
87) Chrysene	21.972	228	905247	56.682	ng/ul	98
89) Di-n-octyl phthalate	23.023	149	963823	59.594	ng/ul	100
90) Benzo(b)fluoranthene	24.275	252	997887	58.588	ng/ul	99
91) Benzo(k)fluoranthene	24.351	252	996978	57.770	ng/ul	98
93) Benzo(a)pyrene	25.238	252	935660	57.909	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.428	276	1069268m	58.461	ng/ul	
95) Dibenzo(a,h)anthracene	29.510	278	870292	58.512	ng/ul	98
96) Benzo(g,h,i)perylene	30.703	276	862336m	57.985	ng/ul	

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

