

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013123\
 Data File : BM038623.D
 Acq On : 31 Jan 2023 17:19
 Operator : CG/JU
 Sample : 01311-06MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GBQM3MS

Quant Time: Feb 01 00:04:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 31 01:02:54 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/01/2023
 Supervised By :mohammad ahmed 02/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	29816	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	99848	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.586	164	84490	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.333	188	217447	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.509	240	210538	20.000	ng/u1	# 0.00
88) Perylene-d12	23.915	264	278542	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	3354	4.011	ng/uL	0.00
4) Pyridine-d5	3.769	84	16660	7.956	ng/u1	0.00
7) Phenol-d5	7.116	99	11263	5.659	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	33833	29.124	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	35390	21.442	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	20260	12.758	ng/u1	0.00
21) Nitrobenzene-d5	9.128	128	21574	28.505	ng/u1	0.00
24) 2-Nitrophenol-d4	9.851	143	28116	28.130	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	63837	28.859	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	47465	22.080	ng/u1	0.00
46) Dimethylphthalate-d6	14.004	166	234116	33.544	ng/u1	0.00
49) Acenaphthylene-d8	14.286	160	234229	31.537	ng/u1	0.00
54) 4-Nitrophenol-d4	14.798	143	4991	5.169	ng/u1	0.00
60) Fluorene-d10	15.580	176	222538	35.655	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	54658	29.365	ng/u1	0.00
73) Anthracene-d10	17.427	188	384385	35.118	ng/u1	0.00
81) Pyrene-d10	19.721	212	432001	39.822	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.756	264	525384	36.747	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	3321	3.686	ng/uL	94
5) Pyridine	3.787	79	15841	7.367	ng/u1#	90
6) Benzaldehyde	7.093	77	42682	46.512	ng/u1	97
8) Phenol	7.146	94	11788	5.916	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.375	93	40132	28.188	ng/u1	91
12) 2-Chlorophenol	7.510	128	35576	21.480	ng/u1	96
13) 2-Methylphenol	8.398	108	23287	15.381	ng/u1	88
14) 2,2'-oxybis(1-Chloropr...	8.487	45	43509	29.579	ng/u1	98
16) Acetophenone	8.787	105	81294	28.977	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.769	70	40796	31.642	ng/u1#	97
18) 4-Methylphenol	8.734	108	21761	13.541	ng/u1	98
19) Hexachloroethane	9.028	117	24757	29.635	ng/u1#	78
22) Nitrobenzene	9.169	77	68341	30.001	ng/u1	97
23) Isophorone	9.692	82	109354	31.725	ng/u1	96
25) 2-Nitrophenol	9.881	139	28413	28.679	ng/u1	91
26) 2,4-Dimethylphenol	9.939	107	43436	20.185	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.175	93	54060	30.758	ng/u1	97
29) 2,4-Dichlorophenol	10.410	162	60397	28.727	ng/u1#	93
30) Naphthalene	10.816	128	146487	29.569	ng/u1	98
32) 4-Chloroaniline	10.934	127	49983	23.171	ng/u1	99
33) Hexachlorobutadiene	11.086	225	74510	34.102	ng/u1	97
34) Caprolactam	11.733	113	1054m	2.548	ng/u1	
35) 4-Chloro-3-methylphenol	12.051	107	40447	24.355	ng/u1#	84
36) 2-Methylnaphthalene	12.422	142	119099	32.322	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.639	142	121858	32.037	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.786	216	128931	31.000	ng/ul	98
40) Hexachlorocyclopentadiene	12.757	237	80458	27.110	ng/ul	97
41) 2,4,6-Trichlorophenol	13.028	196	77258	30.510	ng/ul	90
42) 2,4,5-Trichlorophenol	13.098	196	81325	30.074	ng/ul	95
43) 1,1'-Biphenyl	13.427	154	191634	29.497	ng/ul	99
44) 2-Chloronaphthalene	13.469	162	165552	30.675	ng/ul#	92
45) 2-Nitroaniline	13.686	65	44700	30.965	ng/ul	93
47) Dimethylphthalate	14.051	163	229674	33.443	ng/ul	98
48) 2,6-Dinitrotoluene	14.180	165	44843	35.256	ng/ul#	89
50) Acenaphthylene	14.316	152	222900	30.012	ng/ul	98
51) 3-Nitroaniline	14.510	138	28336	30.951	ng/ul	99
52) Acenaphthene	14.651	153	168571	30.493	ng/ul	98
53) 2,4-Dinitrophenol	14.716	184	33070	32.343	ng/ul	90
55) 4-Nitrophenol	14.816	109	9847	6.079	ng/ul#	90
56) Dibenzofuran	14.986	168	275521	33.509	ng/ul	88
57) 2,4-Dinitrotoluene	14.963	165	68425	36.499	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.216	232	78531	33.168	ng/ul#	87
59) Diethylphthalate	15.404	149	220805	34.296	ng/ul#	93
61) Fluorene	15.633	166	246655	35.620	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.627	204	171310	35.159	ng/ul	91
63) 4-Nitroaniline	15.669	138	25727m	34.084	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.721	198	53838	30.649	ng/ul	91
67) N-Nitrosodiphenylamine	15.845	169	210087	34.268	ng/ul	97
68) 4-Bromophenyl-phenylether	16.521	248	104762	34.193	ng/ul	93
69) Hexachlorobenzene	16.633	284	125829	35.181	ng/ul#	91
70) Atrazine	16.792	200	100942	32.815	ng/ul	98
71) Pentachlorophenol	16.980	266	65919	28.812	ng/ul	96
72) Phenanthrene	17.374	178	397564	34.985	ng/ul	99
74) Anthracene	17.463	178	411423	34.574	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.392	216	122600	29.334	ng/uL	99
76) Pentachlorobenzene	14.904	250	137057	31.515	ng/uL	100
77) Carbazole	17.739	167	307744	29.794	ng/ul#	95
78) Di-n-butylphthalate	18.286	149	331628	33.185	ng/ul	99
80) Fluoranthene	19.386	202	511918	40.711	ng/ul#	97
82) Pyrene	19.751	202	538777	40.375	ng/ul#	96
83) Butylbenzylphthalate	20.639	149	131054	34.048	ng/ul#	92
84) 3,3'-Dichlorobenzidine	21.427	252	177101	34.241	ng/ul#	96
85) Benzo(a)anthracene	21.492	228	524195	35.148	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.403	149	185859	33.935	ng/ul	94
87) Chrysene	21.545	228	492701	35.691	ng/ul	99
89) Di-n-octyl phthalate	22.327	149	335550	28.445	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	635724	36.916	ng/ul	100
91) Benzo(k)fluoranthene	23.227	252	612330	35.673	ng/ul#	98
93) Benzo(a)pyrene	23.809	252	576598	36.156	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	26.421	276	897585	35.607	ng/ul	99
95) Dibenzo(a,h)anthracene	26.433	278	753256	35.208	ng/ul	99
96) Benzo(g,h,i)perylene	27.197	276	729289	35.644	ng/ul#	99

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

