

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011524\
 Data File : BM043836.D
 Acq On : 15 Jan 2024 11:26
 Operator : MA/JU
 Sample : 04696-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-QT4-2023-08

Quant Time: Jan 16 01:21:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 10 01:07:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
 Supervised By :mohammad ahmed 01/17/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	256928	20.000	ng/u1	0.00
20) Naphthalene-d8	10.751	136	1129202	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.586	164	715905	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.339	188	1505733	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	1368247	20.000	ng/u1	0.00
88) Perylene-d12	23.950	264	1517395	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	36652	5.508	ng/uL	0.00
4) Pyridine-d5	3.775	84	515259	25.137	ng/u1	0.00
7) Phenol-d5	7.116	99	591515	22.750	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	390126	24.077	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	452254	23.910	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	456134	22.023	ng/u1	-0.01
21) Nitrobenzene-d5	9.122	128	226559	23.940	ng/u1	0.00
24) 2-Nitrophenol-d4	9.845	143	243866	22.884	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	432140	22.645	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	631349	20.889	ng/u1	0.00
46) Dimethylphthalate-d6	14.010	166	1384434	23.087	ng/u1	0.00
49) Acenaphthylene-d8	14.286	160	1662754	24.344	ng/u1	0.00
54) 4-Nitrophenol-d4	14.816	143	231177	19.710	ng/u1	-0.01
60) Fluorene-d10	15.586	176	1239807	24.568	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.721	200	195695	18.408	ng/u1	0.00
73) Anthracene-d10	17.439	188	1794643	23.421	ng/u1	0.00
81) Pyrene-d10	19.733	212	2049120	24.247	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.791	264	2075751	24.782	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	7534	1.079	ng/uL#	88
5) Pyridine	3.805	79	81439	3.872	ng/u1#	67
6) Benzaldehyde	7.093	77	65702m	6.402	ng/u1	
8) Phenol	7.140	94	96352	3.689	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.381	93	82464	3.917	ng/u1	99
12) 2-Chlorophenol	7.504	128	78019	3.974	ng/u1	98
13) 2-Methylphenol	8.398	108	64351	3.199	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.475	45	142092	4.003	ng/u1	98
16) Acetophenone	8.787	105	116524	3.628	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.769	70	63948	3.602	ng/u1	97
18) 4-Methylphenol	8.728	108	74685	3.417	ng/u1	97
19) Hexachloroethane	9.010	117	34440	4.048	ng/u1	95
22) Nitrobenzene	9.163	77	95463	4.046	ng/u1	98
23) Isophorone	9.692	82	168526	3.482	ng/u1	99
25) 2-Nitrophenol	9.875	139	42120	3.740	ng/u1	94
26) 2,4-Dimethylphenol	9.934	107	77503	3.547	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.181	93	108873	3.793	ng/u1	99
29) 2,4-Dichlorophenol	10.410	162	68954	3.645	ng/u1	91
30) Naphthalene	10.804	128	264416	4.025	ng/u1	99
32) 4-Chloroaniline	10.933	127	105599	3.595	ng/u1	97
33) Hexachlorobutadiene	11.069	225	41658	3.935	ng/u1	98
34) Caprolactam	11.763	113	37150	5.454	ng/u1	97
35) 4-Chloro-3-methylphenol	12.063	107	69882	3.333	ng/u1	98
36) 2-Methylnaphthalene	12.422	142	170343	3.719	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011524\
 Data File : BM043836.D
 Acq On : 15 Jan 2024 11:26
 Operator : MA/JU
 Sample : 04696-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-QT4-2023-08

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
 Supervised By :mohammad ahmed 01/17/2024

Quant Time: Jan 16 01:21:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 10 01:07:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.633	142	177281	3.882	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.780	216	77001	3.617	ng/ul	97
40) Hexachlorocyclopentadiene	12.739	237	59278	4.163	ng/ul	99
41) 2,4,6-Trichlorophenol	13.033	196	48473	3.207	ng/ul	98
42) 2,4,5-Trichlorophenol	13.110	196	54106	3.371	ng/ul	96
43) 1,1'-Biphenyl	13.427	154	225524	3.689	ng/ul	97
44) 2-Chloronaphthalene	13.469	162	177613	3.771	ng/ul	100
45) 2-Nitroaniline	13.698	65	47847	3.218	ng/ul	90
47) Dimethylphthalate	14.057	163	226700	3.761	ng/ul	100
48) 2,6-Dinitrotoluene	14.192	165	36316	3.040	ng/ul	90
50) Acenaphthylene	14.310	152	307342	3.853	ng/ul	100
51) 3-Nitroaniline	14.527	138	38866	3.077	ng/ul	93
52) Acenaphthene	14.651	153	202816	3.834	ng/ul	98
53) 2,4-Dinitrophenol	14.739	184	42719	5.754	ng/ul	95
55) 4-Nitrophenol	14.833	109	30217	3.377	ng/ul	88
56) Dibenzofuran	14.992	168	273382	3.847	ng/ul	99
57) 2,4-Dinitrotoluene	14.980	165	57534	3.269	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.221	232	43232	3.232	ng/ul	100
59) Diethylphthalate	15.416	149	226825	3.530	ng/ul	99
61) Fluorene	15.639	166	230762	3.788	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.633	204	103582	3.632	ng/ul	97
63) 4-Nitroaniline	15.692	138	37009m	3.647	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.739	198	42604	3.723	ng/ul#	81
67) N-Nitrosodiphenylamine	15.851	169	179253	3.617	ng/ul	99
68) 4-Bromophenyl-phenylether	16.533	248	59796	3.549	ng/ul	97
69) Hexachlorobenzene	16.633	284	72766	3.661	ng/ul	96
70) Atrazine	16.815	200	81211	4.531	ng/ul	98
71) Pentachlorophenol	16.992	266	58526	4.684	ng/ul	98
72) Phenanthrene	17.380	178	353672	3.825	ng/ul	99
74) Anthracene	17.474	178	343514	3.650	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.386	216	77896	3.690	ng/uL	99
76) Pentachlorobenzene	14.904	250	87088	4.043	ng/uL	98
77) Carbazole	17.762	167	293833	3.368	ng/ul	98
78) Di-n-butylphthalate	18.315	149	355591	3.002	ng/ul	99
80) Fluoranthene	19.398	202	373275	3.610	ng/ul	100
82) Pyrene	19.762	202	412821	3.852	ng/ul	98
83) Butylbenzylphthalate	20.668	149	151594	2.992	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.456	252	105479	3.202	ng/ul	99
85) Benzo(a)anthracene	21.509	228	387998	3.714	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.445	149	229292	2.841	ng/ul	99
87) Chrysene	21.568	228	364547	3.865	ng/ul	99
89) Di-n-octyl phthalate	22.380	149	378179	2.677	ng/ul	100
90) Benzo(b)fluoranthene	23.209	252	369253	3.472	ng/ul	98
91) Benzo(k)fluoranthene	23.262	252	384537	3.671	ng/ul	98
93) Benzo(a)pyrene	23.838	252	367460	3.774	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.474	276	422192	3.800	ng/ul	97
95) Dibenzo(a,h)anthracene	26.491	278	346114	3.760	ng/ul	98
96) Benzo(g,h,i)perylene	27.244	276	331370	3.928	ng/ul	100

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

