

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030624\
 Data File : BM044550.D
 Acq On : 07 Mar 2024 14:36
 Operator : MA/JU
 Sample : P1601-01
 Misc : SFAM-MDL-WATER-01
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-QT1-2024-01

Quant Time: Mar 07 15:05:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 05 23:05:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	268614	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.498	136	1203992	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.363	164	757006	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.115	188	1628743	20.000	ng/u1	0.00
79) Chrysene-d12	21.309	240	1498415	20.000	ng/u1	0.00
88) Perylene-d12	23.568	264	1496174	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	34012	4.295	ng/uL	-0.01
4) Pyridine-d5	3.669	84	488577	20.960	ng/u1	-0.01
7) Phenol-d5	6.887	99	572114	20.716	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.069	67	369585	21.666	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.251	132	432566	21.314	ng/u1	-0.02
15) 4-Methylphenol-d8	8.422	113	433843	20.003	ng/u1	-0.02
21) Nitrobenzene-d5	8.881	128	229863	22.673	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.592	143	246240	22.530	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.122	165	409791	22.031	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.651	131	644534	20.863	ng/u1	-0.01
46) Dimethylphthalate-d6	13.786	166	1287194	21.676	ng/u1	0.00
49) Acenaphthylene-d8	14.057	160	1493202	21.987	ng/u1	0.00
54) 4-Nitrophenol-d4	14.569	143	255264	20.728	ng/u1	-0.01
60) Fluorene-d10	15.363	176	1121846	22.481	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	196997	18.633	ng/u1	0.00
73) Anthracene-d10	17.215	188	1621571	20.829	ng/u1	0.00
81) Pyrene-d10	19.515	212	1964756	21.379	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.421	264	1746077	22.203	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	8839	1.078	ng/uL	92
5) Pyridine	3.693	79	94427	3.906	ng/u1#	67
6) Benzaldehyde	6.881	77	70337	5.847	ng/u1	97
8) Phenol	6.916	94	114060	4.047	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.163	93	96668	4.177	ng/u1	96
12) 2-Chlorophenol	7.281	128	88884	4.246	ng/u1	94
13) 2-Methylphenol	8.157	108	80712	3.774	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.245	45	136581	4.469	ng/u1	97
16) Acetophenone	8.545	105	142460	4.235	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.528	70	72669	4.181	ng/u1	97
18) 4-Methylphenol	8.481	108	91943	3.949	ng/u1	99
19) Hexachloroethane	8.781	117	36080	4.208	ng/u1	91
22) Nitrobenzene	8.922	77	108150	4.498	ng/u1	98
23) Isophorone	9.445	82	204822	4.176	ng/u1	98
25) 2-Nitrophenol	9.622	139	52094	4.372	ng/u1	100
26) 2,4-Dimethylphenol	9.681	107	70422	3.248	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.928	93	131381	4.259	ng/u1	99
29) 2,4-Dichlorophenol	10.151	162	84474	4.549	ng/u1	95
30) Naphthalene	10.551	128	303588	4.452	ng/u1	99
32) 4-Chloroaniline	10.675	127	125013	4.197	ng/u1	99
33) Hexachlorobutadiene	10.822	225	49477	4.754	ng/u1	98
34) Caprolactam	11.481	113	29505	4.080	ng/u1	93
35) 4-Chloro-3-methylphenol	11.792	107	87306	4.054	ng/u1	98
36) 2-Methylnaphthalene	12.169	142	203920	4.497	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.392	142	209841	4.691	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.533	216	97959	4.549	ng/ul	99
40) Hexachlorocyclopentadiene	12.504	237	54027	3.779	ng/ul	99
41) 2,4,6-Trichlorophenol	12.786	196	59325	3.929	ng/ul	99
42) 2,4,5-Trichlorophenol	12.851	196	66778	4.127	ng/ul	99
43) 1,1'-Biphenyl	13.192	154	263112	4.377	ng/ul	99
44) 2-Chloronaphthalene	13.233	162	205113	4.348	ng/ul	99
45) 2-Nitroaniline	13.451	65	56853	3.839	ng/ul	98
47) Dimethylphthalate	13.833	163	258065	4.271	ng/ul	100
48) 2,6-Dinitrotoluene	13.957	165	44656	3.700	ng/ul	95
50) Acenaphthylene	14.086	152	350034	4.422	ng/ul	99
51) 3-Nitroaniline	14.286	138	48676	3.734	ng/ul	93
52) Acenaphthene	14.427	153	227212	4.366	ng/ul	99
53) 2,4-Dinitrophenol	14.492	184	33519	4.342	ng/ul	94
55) 4-Nitrophenol	14.586	109	39591	4.588	ng/ul	93
56) Dibenzofuran	14.769	168	315789	4.562	ng/ul	94
57) 2,4-Dinitrotoluene	14.745	165	67166	3.855	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.992	232	54396	4.063	ng/ul#	99
59) Diethylphthalate	15.204	149	256353	4.088	ng/ul	98
61) Fluorene	15.416	166	259281	4.580	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.416	204	121764	4.634	ng/ul	98
63) 4-Nitroaniline	15.451	138	51439	4.128	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.504	198	51408	4.550	ng/ul#	97
67) N-Nitrosodiphenylamine	15.633	169	208183	4.244	ng/ul	99
68) 4-Bromophenyl-phenylether	16.316	248	71478	4.388	ng/ul	96
69) Hexachlorobenzene	16.410	284	84328	4.545	ng/ul	93
70) Atrazine	16.592	200	81806	5.103	ng/ul	98
71) Pentachlorophenol	16.763	266	58053	4.738	ng/ul	98
72) Phenanthrene	17.163	178	401475	4.345	ng/ul	99
74) Anthracene	17.251	178	389192	4.165	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	94800	4.358	ng/uL	100
76) Pentachlorobenzene	14.674	250	104978	4.991	ng/uL	99
77) Carbazole	17.527	167	365210	4.159	ng/ul	100
78) Di-n-butylphthalate	18.098	149	426176	3.608	ng/ul	99
80) Fluoranthene	19.180	202	445826	4.073	ng/ul	97
82) Pyrene	19.545	202	488892	4.291	ng/ul	97
83) Butylbenzylphthalate	20.462	149	181751	3.244	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.239	252	159443	4.919	ng/ul	98
85) Benzo(a)anthracene	21.298	228	460991	4.097	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	277908	3.402	ng/ul	100
87) Chrysene	21.345	228	429554	4.123	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	464420	3.468	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	419173	4.187	ng/ul	99
91) Benzo(k)fluoranthene	22.933	252	428711	4.372	ng/ul	99
93) Benzo(a)pyrene	23.468	252	391884	4.184	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.844	276	409199	3.896	ng/ul	97
95) Dibenzo(a,h)anthracene	25.868	278	343829	3.926	ng/ul	97
96) Benzo(g,h,i)perylene	26.538	276	318677	3.802	ng/ul	99

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

