

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
 Data File : VX037770.D
 Acq On : 18 Sep 2023 12:34
 Operator : JC/MD
 Sample : VX0918WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/19/2023
 Supervised By : Semsettin Yesilyurt 09/19/2023

Quant Time: Sep 18 17:55:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	282736	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	443297	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	413242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	216676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	178252	47.985	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.980%		
35) Dibromofluoromethane	5.385	113	151259	50.996	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.000%		
50) Toluene-d8	8.647	98	564892	51.256	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.520%		
62) 4-Bromofluorobenzene	11.079	95	207421	51.793	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.580%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	55351	18.573	ug/l	98
3) Chloromethane	1.301	50	57929	17.866	ug/l	97
4) Vinyl Chloride	1.374	62	61168	17.486	ug/l	98
5) Bromomethane	1.605	94	50715	20.251	ug/l	97
6) Chloroethane	1.685	64	40928	16.983	ug/l	100
7) Trichlorofluoromethane	1.886	101	104793	18.634	ug/l	99
8) Diethyl Ether	2.136	74	38586	17.710	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	54309	19.028	ug/l	95
10) Methyl Iodide	2.453	142	68040	18.014	ug/l	90
11) Tert butyl alcohol	2.959	59	83346	104.528	ug/l	# 93
12) 1,1-Dichloroethene	2.319	96	51469	18.659	ug/l	84
13) Acrolein	2.233	56	76803	97.501	ug/l	98
14) Allyl chloride	2.666	41	83862	18.254	ug/l	95
15) Acrylonitrile	3.062	53	161081	90.862	ug/l	99
16) Acetone	2.380	43	152675	85.436	ug/l	# 88
17) Carbon Disulfide	2.514	76	123776	17.898	ug/l	98
18) Methyl Acetate	2.703	43	115133	17.860	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	188697	18.597	ug/l	99
20) Methylene Chloride	2.788	84	62865	19.012	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	56733	18.523	ug/l	89
22) Diisopropyl ether	3.764	45	177501	18.549	ug/l	87
23) Vinyl Acetate	3.721	43	664263	94.372	ug/l	97
24) 1,1-Dichloroethane	3.611	63	103141	17.986	ug/l	99
25) 2-Butanone	4.556	43	225022	89.232	ug/l	90
26) 2,2-Dichloropropane	4.477	77	87691	18.925	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	68198	18.162	ug/l	91
28) Bromochloromethane	4.904	49	52967	19.799	ug/l	# 82
29) Tetrahydrofuran	5.007	42	139962	89.228	ug/l	89
30) Chloroform	5.093	83	111269	18.012	ug/l	99
31) Cyclohexane	5.471	56	90646	19.012	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	98230	18.780	ug/l	97
36) 1,1-Dichloropropene	5.690	75	79417	19.436	ug/l	96
37) Ethyl Acetate	4.715	43	84851	18.890	ug/l	95
38) Carbon Tetrachloride	5.678	117	85410	19.978	ug/l	97
39) Methylcyclohexane	7.385	83	103382	19.935	ug/l	92
40) Benzene	6.038	78	240478	19.139	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	44696	19.514	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	87652	19.301	ug/l	96
43) Isopropyl Acetate	6.342	43	138579	19.294	ug/l	95
44) Trichloroethene	7.129	130	65078	18.598	ug/l	94
45) 1,2-Dichloropropane	7.434	63	62080	19.025	ug/l	97
46) Dibromomethane	7.580	93	46003	19.599	ug/l	90
47) Bromodichloromethane	7.824	83	83323	19.275	ug/l	97
48) Methyl methacrylate	7.696	41	65224	18.996	ug/l #	88
49) 1,4-Dioxane	7.659	88	38737	430.329	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	437703	96.048	ug/l	95
52) Toluene	8.720	92	155577	19.212	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	90795	20.087	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	99097	19.809	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	67094	19.652	ug/l	98
56) Ethyl methacrylate	9.116	69	99420	19.506	ug/l	91
57) 1,3-Dichloropropane	9.311	76	107974	19.544	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	229789	96.550	ug/l	99
59) 2-Hexanone	9.427	43	340984	96.101	ug/l	94
60) Dibromochloromethane	9.519	129	66620	19.588	ug/l	98
61) 1,2-Dibromoethane	9.610	107	70248	19.433	ug/l	99
64) Tetrachloroethene	9.275	164	56971	20.215	ug/l	99
65) Chlorobenzene	10.079	112	171414	19.230	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	63673	20.157	ug/l	100
67) Ethyl Benzene	10.195	91	305016	19.737	ug/l	100
68) m/p-Xylenes	10.299	106	240252	40.232	ug/l	96
69) o-Xylene	10.640	106	117838	19.678	ug/l	98
70) Styrene	10.659	104	190975	19.865	ug/l	96
71) Bromoform	10.799	173	48490	19.432	ug/l #	97
73) Isopropylbenzene	10.964	105	311511	19.596	ug/l	99
74) N-amyl acetate	10.842	43	125453	19.487	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	106599	19.067	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	95047m	18.966	ug/l	
77) Bromobenzene	11.201	156	76237	19.376	ug/l	88
78) n-propylbenzene	11.305	91	360891	20.102	ug/l	99
79) 2-Chlorotoluene	11.366	91	213773	19.312	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	265376	19.768	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	29836	19.071	ug/l	90
82) 4-Chlorotoluene	11.457	91	246281	19.763	ug/l	96
83) tert-Butylbenzene	11.713	119	270898	19.966	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	267003	19.990	ug/l	98
85) sec-Butylbenzene	11.890	105	333187	20.242	ug/l	98
86) p-Isopropyltoluene	12.012	119	279892	20.409	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	144207	19.662	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	146270	19.489	ug/l	98
89) n-Butylbenzene	12.335	91	247596	20.609	ug/l	97
90) Hexachloroethane	12.536	117	45996	19.795	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	145838	19.476	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21966	19.711	ug/l	77
93) 1,2,4-Trichlorobenzene	13.585	180	95147	21.571	ug/l	97
94) Hexachlorobutadiene	13.725	225	45166	21.927	ug/l	97
95) Naphthalene	13.774	128	310511	20.815	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	94196	20.751	ug/l	97

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

