

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101323\
 Data File : VX038276.D
 Acq On : 13 Oct 2023 11:23
 Operator : JC/MD
 Sample : VX1013WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
 Supervised By :Mahesh Dadoda 10/16/2023

Quant Time: Oct 13 23:10:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	126358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	211438	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98554	48.492	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.980%		
35) Dibromofluoromethane	5.385	113	76954	50.510	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.020%		
50) Toluene-d8	8.647	98	291821	50.125	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.260%		
62) 4-Bromofluorobenzene	11.079	95	111984	50.738	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.480%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	22819	18.709	ug/l	97
3) Chloromethane	1.301	50	22522	18.117	ug/l	99
4) Vinyl Chloride	1.374	62	27778	20.154	ug/l	96
5) Bromomethane	1.605	94	27658	14.677	ug/l	99
6) Chloroethane	1.685	64	21172	21.218	ug/l	99
7) Trichlorofluoromethane	1.886	101	55952	20.552	ug/l	98
8) Diethyl Ether	2.130	74	20615	20.304	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	24321	20.464	ug/l	97
10) Methyl Iodide	2.453	142	30982	18.118	ug/l	97
11) Tert butyl alcohol	2.953	59	38643	78.526	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	22535	19.493	ug/l	84
13) Acrolein	2.233	56	38396	132.892	ug/l	99
14) Allyl chloride	2.660	41	36940	17.864	ug/l	95
15) Acrylonitrile	3.063	53	92353	99.852	ug/l	100
16) Acetone	2.374	43	90518	106.716	ug/l	91
17) Carbon Disulfide	2.508	76	52080	15.630	ug/l	98
18) Methyl Acetate	2.703	43	74327	20.434	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	86970	18.889	ug/l	98
20) Methylene Chloride	2.788	84	28176	17.660	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	26890	18.786	ug/l	89
22) Diisopropyl ether	3.758	45	80353	18.541	ug/l	96
23) Vinyl Acetate	3.721	43	295279	92.908	ug/l	95
24) 1,1-Dichloroethane	3.605	63	48127	18.298	ug/l	98
25) 2-Butanone	4.550	43	132673	96.943	ug/l	91
26) 2,2-Dichloropropane	4.477	77	36167	17.613	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	31468	18.459	ug/l	89
28) Bromochloromethane	4.891	49	24118	20.313	ug/l	89
29) Tetrahydrofuran	5.001	42	83712	93.950	ug/l	90
30) Chloroform	5.087	83	55698	19.366	ug/l	94
31) Cyclohexane	5.465	56	37994	17.255	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	45083	18.301	ug/l	99
36) 1,1-Dichloropropene	5.690	75	38016	18.095	ug/l	97
37) Ethyl Acetate	4.709	43	46541	18.653	ug/l	96
38) Carbon Tetrachloride	5.672	117	38081	18.425	ug/l	96
39) Methylcyclohexane	7.385	83	45328	18.419	ug/l	92
40) Benzene	6.038	78	111752	19.018	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	23847	19.212	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	45131	19.223	ug/l	99
43) Isopropyl Acetate	6.336	43	68957	18.513	ug/l #	97
44) Trichloroethene	7.123	130	30640	19.936	ug/l	99
45) 1,2-Dichloropropane	7.428	63	28932	19.023	ug/l	98
46) Dibromomethane	7.580	93	23750	20.134	ug/l	96
47) Bromodichloromethane	7.818	83	41611	19.830	ug/l	97
48) Methyl methacrylate	7.696	41	34226	19.248	ug/l #	85
49) 1,4-Dioxane	7.659	88	17552	400.563	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	261203	101.665	ug/l	97
52) Toluene	8.720	92	74740	19.526	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	41588	18.464	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	44991	19.012	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	33685	20.574	ug/l	95
56) Ethyl methacrylate	9.116	69	47525	18.932	ug/l	92
57) 1,3-Dichloropropane	9.305	76	53902	20.355	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	121356	98.487	ug/l	100
59) 2-Hexanone	9.427	43	210133	101.735	ug/l	96
60) Dibromochloromethane	9.519	129	32507	20.286	ug/l	98
61) 1,2-Dibromoethane	9.610	107	35547	20.077	ug/l	100
64) Tetrachloroethene	9.275	164	26513	19.435	ug/l	98
65) Chlorobenzene	10.080	112	84026	19.056	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	28985	19.439	ug/l	98
67) Ethyl Benzene	10.195	91	149702	19.020	ug/l	100
68) m/p-Xylenes	10.299	106	114405	37.591	ug/l	99
69) o-Xylene	10.640	106	53837	18.125	ug/l	95
70) Styrene	10.653	104	92385	19.099	ug/l	96
71) Bromoform	10.799	173	22650	18.300	ug/l #	97
73) Isopropylbenzene	10.964	105	151096	19.285	ug/l	100
74) N-amyl acetate	10.842	43	60625	18.120	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	58944	20.502	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	52089m	19.612	ug/l	
77) Bromobenzene	11.195	156	36751	19.213	ug/l	92
78) n-propylbenzene	11.305	91	181767	18.973	ug/l	99
79) 2-Chlorotoluene	11.366	91	106442	18.735	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	129073	19.095	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	13114	17.288	ug/l	94
82) 4-Chlorotoluene	11.457	91	125305	18.638	ug/l	97
83) tert-Butylbenzene	11.713	119	123920	18.762	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	128782	19.108	ug/l	98
85) sec-Butylbenzene	11.890	105	164945	19.278	ug/l	100
86) p-Isopropyltoluene	12.006	119	136107	19.281	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	72660	18.912	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	73324	18.693	ug/l	98
89) n-Butylbenzene	12.335	91	128490	18.277	ug/l	96
90) Hexachloroethane	12.536	117	21156	18.076	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	71591	19.385	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13552	19.496	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	46493	18.770	ug/l	98
94) Hexachlorobutadiene	13.725	225	20343	20.405	ug/l	96
95) Naphthalene	13.774	128	160363	18.591	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	46680	19.463	ug/l	98

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

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