

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101323\
 Data File : VX038275.D
 Acq On : 13 Oct 2023 10:56
 Operator : JC/MD
 Sample : VX1013WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013WBS01

Manual Integrations
 APPROVED

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

Quant Time: Oct 13 23:10:01 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	133647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229467	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104702	48.707	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.420%		
35) Dibromofluoromethane	5.385	113	82779	50.064	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.120%		
50) Toluene-d8	8.647	98	313083	49.552	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.100%		
62) 4-Bromofluorobenzene	11.079	95	116625	48.689	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	23639	18.324	ug/l	98
3) Chloromethane	1.301	50	23389	17.789	ug/l	96
4) Vinyl Chloride	1.374	62	29944	20.541	ug/l	97
5) Bromomethane	1.605	94	28860	14.468	ug/l	99
6) Chloroethane	1.685	64	21928	20.747	ug/l	97
7) Trichlorofluoromethane	1.886	101	58955	20.474	ug/l	100
8) Diethyl Ether	2.136	74	21254	19.791	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.331	101	25851	20.565	ug/l	98
10) Methyl Iodide	2.453	142	33605	18.580	ug/l	95
11) Tert butyl alcohol	2.953	59	38122	72.461	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	24390	19.947	ug/l	89
13) Acrolein	2.233	56	40469	132.428	ug/l	98
14) Allyl chloride	2.660	41	38344	17.532	ug/l	94
15) Acrylonitrile	3.063	53	91554	93.590	ug/l	98
16) Acetone	2.380	43	95637	106.601	ug/l	90
17) Carbon Disulfide	2.514	76	54726	15.529	ug/l	97
18) Methyl Acetate	2.703	43	76590	19.908	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	88311	18.134	ug/l	97
20) Methylene Chloride	2.788	84	30228	17.913	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	27945	18.458	ug/l	87
22) Diisopropyl ether	3.757	45	84908	18.523	ug/l	97
23) Vinyl Acetate	3.721	43	304202	90.495	ug/l	96
24) 1,1-Dichloroethane	3.611	63	49812	17.906	ug/l	99
25) 2-Butanone	4.550	43	136936	94.600	ug/l	94
26) 2,2-Dichloropropane	4.477	77	38189	17.583	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	33839	18.767	ug/l	91
28) Bromochloromethane	4.898	49	24430	19.454	ug/l #	83
29) Tetrahydrofuran	5.001	42	85997	91.251	ug/l	89
30) Chloroform	5.093	83	58867	19.351	ug/l	96
31) Cyclohexane	5.471	56	40026	17.186	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	48538	18.629	ug/l	100
36) 1,1-Dichloropropene	5.696	75	40385	17.712	ug/l	98
37) Ethyl Acetate	4.715	43	48185	17.794	ug/l	96
38) Carbon Tetrachloride	5.678	117	40681	18.137	ug/l	99
39) Methylcyclohexane	7.379	83	47106	17.638	ug/l	93
40) Benzene	6.038	78	118320	18.553	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	23969	17.793	ug/l #	85
42) 1,2-Dichloroethane	6.086	62	47625	18.691	ug/l	99
43) Isopropyl Acetate	6.342	43	70673	17.483	ug/l	97
44) Trichloroethene	7.129	130	32581	19.533	ug/l	99
45) 1,2-Dichloropropane	7.434	63	30519	18.490	ug/l	96
46) Dibromomethane	7.580	93	24540	19.170	ug/l	98
47) Bromodichloromethane	7.824	83	44235	19.424	ug/l	96
48) Methyl methacrylate	7.696	41	34600	17.929	ug/l #	82
49) 1,4-Dioxane	7.659	88	17456	367.072	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	268615	96.336	ug/l	98
52) Toluene	8.720	92	78855	18.982	ug/l	93
53) t-1,3-Dichloropropene	8.982	75	43417	17.761	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	48475	18.874	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	34893	19.637	ug/l	98
56) Ethyl methacrylate	9.116	69	49445	18.149	ug/l	92
57) 1,3-Dichloropropane	9.311	76	55606	19.349	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	125371	93.752	ug/l	99
59) 2-Hexanone	9.427	43	218743	97.583	ug/l	97
60) Dibromochloromethane	9.519	129	33324	19.162	ug/l	99
61) 1,2-Dibromoethane	9.610	107	37447	19.488	ug/l	99
64) Tetrachloroethene	9.275	164	27411	18.682	ug/l	95
65) Chlorobenzene	10.080	112	87941	18.542	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	30727	19.159	ug/l	98
67) Ethyl Benzene	10.195	91	155592	18.379	ug/l	99
68) m/p-Xylenes	10.299	106	120084	36.684	ug/l	99
69) o-Xylene	10.640	106	58597	18.341	ug/l	98
70) Styrene	10.659	104	97376	18.716	ug/l	97
71) Bromoform	10.799	173	23771	17.926	ug/l #	99
73) Isopropylbenzene	10.964	105	155471	19.141	ug/l	99
74) N-amyl acetate	10.842	43	61801	17.817	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	58956	19.780	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	54163m	19.671	ug/l	
77) Bromobenzene	11.201	156	38067	19.196	ug/l	92
78) n-propylbenzene	11.305	91	188929	19.023	ug/l	100
79) 2-Chlorotoluene	11.366	91	110806	18.812	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	133892	19.106	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	13467	17.163	ug/l	94
82) 4-Chlorotoluene	11.457	91	130571	18.733	ug/l	99
83) tert-Butylbenzene	11.713	119	132082	19.289	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	133252	19.071	ug/l	99
85) sec-Butylbenzene	11.890	105	170633	19.237	ug/l	98
86) p-Isopropyltoluene	12.012	119	137587	18.801	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	75416	18.934	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	76020	18.694	ug/l	100
89) n-Butylbenzene	12.335	91	130654	17.927	ug/l	97
90) Hexachloroethane	12.536	117	22143	18.249	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	71461	18.665	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13290	18.442	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	47221	18.389	ug/l	98
94) Hexachlorobutadiene	13.725	225	20370	19.709	ug/l	97
95) Naphthalene	13.774	128	159775	17.866	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	46697	18.781	ug/l	98

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

