

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102023\
 Data File : VX038394.D
 Acq On : 20 Oct 2023 11:23
 Operator : JC/MD
 Sample : VX1020WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/23/2023
 Supervised By :Mahesh Dadoda 10/23/2023

Quant Time: Oct 21 01:27:13 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	147694	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	245710	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	113095	47.608	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.220%		
35) Dibromofluoromethane	5.385	113	92877	52.458	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.920%		
50) Toluene-d8	8.647	98	344018	50.849	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.700%		
62) 4-Bromofluorobenzene	11.079	95	135489	52.825	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.640%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	32446	22.759	ug/l	96
3) Chloromethane	1.300	50	29149	20.061	ug/l	96
4) Vinyl Chloride	1.374	62	35221	21.863	ug/l	97
5) Bromomethane	1.605	94	31818	14.432	ug/l	99
6) Chloroethane	1.685	64	24524	21.014	ug/l	96
7) Trichlorofluoromethane	1.886	101	66920	21.030	ug/l	96
8) Diethyl Ether	2.130	74	23413	19.728	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.331	101	32116	23.119	ug/l	96
10) Methyl Iodide	2.453	142	38617	19.320	ug/l	95
11) Tert butyl alcohol	2.953	59	43668	75.533	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	29612	21.914	ug/l	87
13) Acrolein	2.233	56	31456	93.145	ug/l	100
14) Allyl chloride	2.660	41	46494	19.236	ug/l	94
15) Acrylonitrile	3.056	53	106558	98.567	ug/l	99
16) Acetone	2.373	43	97704	98.548	ug/l	92
17) Carbon Disulfide	2.514	76	69390	17.817	ug/l	100
18) Methyl Acetate	2.703	43	89604	21.075	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	106422	19.775	ug/l	97
20) Methylene Chloride	2.788	84	36044	19.328	ug/l	# 89
21) trans-1,2-Dichloroethene	3.093	96	34621	20.693	ug/l	89
22) Diisopropyl ether	3.757	45	98353	19.416	ug/l	# 92
23) Vinyl Acetate	3.721	43	357653	96.277	ug/l	95
24) 1,1-Dichloroethane	3.611	63	59669	19.410	ug/l	98
25) 2-Butanone	4.550	43	152458	95.306	ug/l	92
26) 2,2-Dichloropropane	4.471	77	47797	19.914	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	39863	20.006	ug/l	91
28) Bromochloromethane	4.891	49	28453	20.502	ug/l	85
29) Tetrahydrofuran	5.001	42	98812	94.876	ug/l	90
30) Chloroform	5.086	83	68090	20.254	ug/l	98
31) Cyclohexane	5.464	56	50220	19.512	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	58658	20.371	ug/l	99
36) 1,1-Dichloropropene	5.690	75	49405	20.236	ug/l	97
37) Ethyl Acetate	4.708	43	56288	19.412	ug/l	98
38) Carbon Tetrachloride	5.672	117	49503	20.611	ug/l	99
39) Methylcyclohexane	7.379	83	59541	20.820	ug/l	89
40) Benzene	6.037	78	142125	20.813	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	27950	19.377	ug/l #	86
42) 1,2-Dichloroethane	6.080	62	54921	20.130	ug/l	99
43) Isopropyl Acetate	6.336	43	83379	19.262	ug/l	97
44) Trichloroethene	7.123	130	39653	22.201	ug/l	99
45) 1,2-Dichloropropane	7.427	63	37057	20.967	ug/l	92
46) Dibromomethane	7.580	93	28928	21.103	ug/l	96
47) Bromodichloromethane	7.818	83	51583	21.153	ug/l	99
48) Methyl methacrylate	7.690	41	41592	20.128	ug/l #	86
49) 1,4-Dioxane	7.653	88	19175	376.565	ug/l #	87
51) 4-Methyl-2-Pentanone	8.567	43	309427	103.636	ug/l	98
52) Toluene	8.714	92	94781	21.307	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	51732	19.764	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	56096	20.398	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	40090	21.071	ug/l	96
56) Ethyl methacrylate	9.116	69	57565	19.733	ug/l	92
57) 1,3-Dichloropropane	9.305	76	64899	21.090	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	139334	97.305	ug/l	98
59) 2-Hexanone	9.427	43	245030	102.084	ug/l	95
60) Dibromochloromethane	9.518	129	40319	21.652	ug/l	100
61) 1,2-Dibromoethane	9.610	107	44483	21.620	ug/l	100
64) Tetrachloroethene	9.275	164	34298	21.885	ug/l	97
65) Chlorobenzene	10.079	112	107814	21.283	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	37798	22.066	ug/l	99
67) Ethyl Benzene	10.195	91	190261	21.042	ug/l	98
68) m/p-Xylenes	10.299	106	146368	41.864	ug/l	100
69) o-Xylene	10.640	106	71002	20.807	ug/l	97
70) Styrene	10.652	104	118406	21.307	ug/l	97
71) Bromoform	10.799	173	28747	19.917	ug/l #	100
73) Isopropylbenzene	10.963	105	190380	20.952	ug/l	99
74) N-amyl acetate	10.841	43	74351	19.161	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	69247	20.769	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	62941m	20.434	ug/l	
77) Bromobenzene	11.201	156	46469	20.947	ug/l	90
78) n-propylbenzene	11.305	91	231486	20.835	ug/l	100
79) 2-Chlorotoluene	11.366	91	133000	20.185	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	163898	20.907	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	16148	18.107	ug/l	98
82) 4-Chlorotoluene	11.451	91	158458	20.323	ug/l	95
83) tert-Butylbenzene	11.713	119	159032	20.761	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	162259	20.759	ug/l	98
85) sec-Butylbenzene	11.890	105	210731	21.237	ug/l	99
86) p-Isopropyltoluene	12.006	119	176026	21.502	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	93047	20.882	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	96087	21.123	ug/l	99
89) n-Butylbenzene	12.335	91	167588	20.555	ug/l	96
90) Hexachloroethane	12.536	117	27794	20.476	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	89397	20.873	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16014	19.865	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	61442	21.388	ug/l	96
94) Hexachlorobutadiene	13.725	225	26815	23.192	ug/l	96
95) Naphthalene	13.774	128	195108	19.503	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	59141	21.262	ug/l	98

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

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