

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
 Data File : VX024591.D
 Acq On : 06 Oct 2021 00:14
 Operator : JC/MD
 Sample : VX1005WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/6/2021 7:03:58 PM

Quant Time: Oct 06 06:52:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	165440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	271052	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125590	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	113232	48.56	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.12%		
35) Dibromofluoromethane	5.397	113	89570	49.74	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.48%		
50) Toluene-d8	8.653	98	328549	49.57	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.14%		
62) 4-Bromofluorobenzene	11.085	95	107630	41.30	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	82.60%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	30922	18.57	ug/l	100
3) Chloromethane	1.294	50	30492	19.43	ug/l	100
4) Vinyl Chloride	1.374	62	31689	19.31	ug/l	99
5) Bromomethane	1.599	94	20415	18.48	ug/l	98
6) Chloroethane	1.685	64	17443	16.13	ug/l	98
7) Trichlorofluoromethane	1.886	101	46996	16.22	ug/l	93
8) Diethyl Ether	2.136	74	16626	16.86	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	31396	19.22	ug/l	95
10) Methyl Iodide	2.453	142	39391	17.24	ug/l	95
11) Tert butyl alcohol	2.971	59	49691	83.39	ug/l	100
12) 1,1-Dichloroethene	2.319	96	30405	20.05	ug/l	92
13) Acrolein	2.239	56	10977	93.60	ug/l	99
14) Allyl chloride	2.666	41	55668	20.08	ug/l	95
15) Acrylonitrile	3.068	53	109537	103.41	ug/l	98
16) Acetone	2.386	43	98668	93.96	ug/l	93
17) Carbon Disulfide	2.514	76	65784	16.98	ug/l	98
18) Methyl Acetate	2.709	43	70981	20.33	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	116052	20.31	ug/l	99
20) Methylene Chloride	2.794	84	36325	20.14	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	33311	19.34	ug/l	97
22) Diisopropyl ether	3.770	45	116977	20.65	ug/l	95
23) Vinyl Acetate	3.733	43	454989	99.19	ug/l	95
24) 1,1-Dichloroethane	3.617	63	64923	20.64	ug/l	98
25) 2-Butanone	4.568	43	158153	98.49	ug/l	96
26) 2,2-Dichloropropane	4.483	77	44914	15.87	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	39896	19.82	ug/l	99
28) Bromochloromethane	4.904	49	30439	21.32	ug/l	98
29) Tetrahydrofuran	5.019	42	101748	99.44	ug/l	92
30) Chloroform	5.105	83	68572	19.74	ug/l	96
31) Cyclohexane	5.477	56	52250	18.71	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	60051	19.47	ug/l	98
36) 1,1-Dichloropropene	5.702	75	46758	17.99	ug/l	99
37) Ethyl Acetate	4.727	43	57449	17.71	ug/l	96
38) Carbon Tetrachloride	5.684	117	51760	18.30	ug/l	97
39) Methylcyclohexane	7.385	83	53787	17.68	ug/l	97
40) Benzene	6.044	78	142167	19.13	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	32883	19.63	ug/l	93
42) 1,2-Dichloroethane	6.098	62	55293	17.72	ug/l	97
43) Isopropyl Acetate	6.348	43	89196	18.08	ug/l	95
44) Trichloroethene	7.129	130	38358	18.76	ug/l	96
45) 1,2-Dichloropropane	7.440	63	37676	19.65	ug/l	96
46) Dibromomethane	7.586	93	26099	18.16	ug/l	98
47) Bromodichloromethane	7.830	83	49147	18.66	ug/l	100
48) Methyl methacrylate	7.696	41	44373	18.17	ug/l	90
49) 1,4-Dioxane	7.665	88	20518	366.80	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	306662	94.18	ug/l	93
52) Toluene	8.720	92	92648	19.30	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	52580	17.61	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	56366	18.57	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	39964	20.14	ug/l	98
56) Ethyl methacrylate	9.122	69	59603	18.87	ug/l	91
57) 1,3-Dichloropropane	9.311	76	64964	19.40	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	145290	93.18	ug/l	98
59) 2-Hexanone	9.433	43	239200	93.28	ug/l	90
60) Dibromochloromethane	9.525	129	38407	17.84	ug/l	98
61) 1,2-Dibromoethane	9.610	107	40982	18.81	ug/l	99
64) Tetrachloroethene	9.275	164	34625	22.97	ug/l	94
65) Chlorobenzene	10.085	112	86875	19.15	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	33496	19.81	ug/l	98
67) Ethyl Benzene	10.195	91	151676	18.88	ug/l	99
68) m/p-Xylenes	10.305	106	119241	38.72	ug/l	98
69) o-Xylene	10.646	106	63224	20.76	ug/l	99
70) Styrene	10.659	104	104640	20.55	ug/l	98
71) Bromoform	10.799	173	25697	18.95	ug/l #	99
73) Isopropylbenzene	10.963	105	153160	17.25	ug/l	100
74) N-amyl acetate	10.848	43	69446	17.00	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	56894	18.12	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	54159m	18.99	ug/l	
77) Bromobenzene	11.201	156	39343	17.22	ug/l	97
78) n-propylbenzene	11.305	91	190362	18.34	ug/l	99
79) 2-Chlorotoluene	11.366	91	118047	18.67	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	152306	20.08	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	14587	15.49	ug/l #	84
82) 4-Chlorotoluene	11.457	91	144064	19.37	ug/l	100
83) tert-Butylbenzene	11.719	119	148723	19.56	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	150641	19.97	ug/l	99
85) sec-Butylbenzene	11.896	105	184112	19.68	ug/l	99
86) p-Isopropyltoluene	12.012	119	151723	19.02	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	81339	18.69	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	82571	18.37	ug/l	98
89) n-Butylbenzene	12.335	91	125309	17.74	ug/l	97
90) Hexachloroethane	12.542	117	23672	18.05	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	84413	19.62	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13936	18.38	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	49058	17.91	ug/l	97
94) Hexachlorobutadiene	13.725	225	21780	17.39	ug/l	99
95) Naphthalene	13.780	128	174418	19.90	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	51435	18.33	ug/l	99

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

