

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101321\
 Data File : VX024778.D
 Acq On : 13 Oct 2021 10:27
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
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 10/14/2021 2:35:56 PM

Quant Time: Oct 13 12:27:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 12:24:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	193843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	303349	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	281657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140715	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	12128	4.44	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	8.88%#		
35) Dibromofluoromethane	5.391	113	8817	4.38	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	8.76%#		
50) Toluene-d8	8.653	98	31746	4.28	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	8.56%#		
62) 4-Bromofluorobenzene	11.085	95	12132	4.16	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	8.32%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	9730	4.99	ug/l	97
3) Chloromethane	1.295	50	8713	4.74	ug/l	99
4) Vinyl Chloride	1.374	62	8850	4.60	ug/l	98
5) Bromomethane	1.599	94	5455	4.21	ug/l	98
6) Chloroethane	1.679	64	6253	4.26	ug/l	99
7) Trichlorofluoromethane	1.880	101	14941	4.40	ug/l	94
8) Diethyl Ether	2.136	74	5015	4.34	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	8852	4.63	ug/l	98
10) Methyl Iodide	2.453	142	7746	2.89	ug/l	97
11) Tert butyl alcohol	2.983	59	9997	14.51	ug/l	100
12) 1,1-Dichloroethene	2.319	96	7883	4.44	ug/l	98
13) Acrolein	2.240	56	6061	41.28	ug/l	90
14) Allyl chloride	2.666	41	13453	4.14	ug/l	94
15) Acrylonitrile	3.069	53	24501	19.74	ug/l	100
16) Acetone	2.386	43	25262	19.82	ug/l	96
17) Carbon Disulfide	2.508	76	18906	3.96	ug/l	99
18) Methyl Acetate	2.709	43	17685	4.32	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	28319	4.23	ug/l	97
20) Methylene Chloride	2.788	84	9071	3.90	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	8398	4.16	ug/l	96
22) Diisopropyl ether	3.764	45	28350	4.27	ug/l #	84
23) Vinyl Acetate	3.727	43	103478	19.25	ug/l	100
24) 1,1-Dichloroethane	3.617	63	16737	4.54	ug/l	98
25) 2-Butanone	4.568	43	36650	19.48	ug/l	98
26) 2,2-Dichloropropane	4.483	77	13936	4.20	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	9621	4.08	ug/l	91
28) Bromochloromethane	4.898	49	7433	4.44	ug/l #	11
29) Tetrahydrofuran	5.013	42	23126	19.29	ug/l	96
30) Chloroform	5.099	83	17689	4.35	ug/l	95
31) Cyclohexane	5.477	56	14308	4.37	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	15373	4.25	ug/l	99
36) 1,1-Dichloropropene	5.702	75	12210	4.20	ug/l	97
37) Ethyl Acetate	4.721	43	13151	3.62	ug/l	100
38) Carbon Tetrachloride	5.684	117	13652	4.31	ug/l	92
39) Methylcyclohexane	7.379	83	15180	4.46	ug/l	99
40) Benzene	6.044	78	35638	4.29	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	7290	3.89	ug/l	94
42) 1,2-Dichloroethane	6.099	62	15308	4.38	ug/l	98
43) Isopropyl Acetate	6.349	43	21771	3.94	ug/l	99
44) Trichloroethene	7.129	130	10272	4.49	ug/l	99
45) 1,2-Dichloropropane	7.434	63	9267	4.32	ug/l	98
46) Dibromomethane	7.586	93	6628	4.12	ug/l	97
47) Bromodichloromethane	7.824	83	12298	4.17	ug/l	93
48) Methyl methacrylate	7.696	41	9988	3.65	ug/l	96
49) 1,4-Dioxane	7.665	88	4185	66.85	ug/l	92
51) 4-Methyl-2-Pentanone	8.580	43	71092	19.51	ug/l	96
52) Toluene	8.720	92	22490	4.19	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	12823	3.84	ug/l	93
54) cis-1,3-Dichloropropene	8.366	75	14047	4.13	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	9636	4.34	ug/l	93
56) Ethyl methacrylate	9.122	69	13135	3.72	ug/l	95
57) 1,3-Dichloropropane	9.311	76	15621	4.17	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	33365	19.12	ug/l	98
59) 2-Hexanone	9.433	43	53337	18.59	ug/l	94
60) Dibromochloromethane	9.525	129	8791	3.91	ug/l	97
61) 1,2-Dibromoethane	9.610	107	10133	4.16	ug/l	97
64) Tetrachloroethene	9.275	164	10237	5.25	ug/l	97
65) Chlorobenzene	10.080	112	25700	4.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	9217	4.21	ug/l	97
67) Ethyl Benzene	10.195	91	43284	4.17	ug/l	98
68) m/p-Xylenes	10.305	106	33217	8.34	ug/l	100
69) o-Xylene	10.647	106	15893	4.04	ug/l	97
70) Styrene	10.659	104	25530	3.88	ug/l	98
71) Bromoform	10.805	173	6115	3.66	ug/l #	93
73) Isopropylbenzene	10.964	105	41717	4.19	ug/l	100
74) N-amyl acetate	10.848	43	16322	3.57	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	14546	4.13	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	13532m	4.23	ug/l	
77) Bromobenzene	11.201	156	10870	4.25	ug/l	97
78) n-propylbenzene	11.305	91	47178	4.06	ug/l	100
79) 2-Chlorotoluene	11.366	91	29728	4.20	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	35049	4.12	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	3516	3.27	ug/l #	82
82) 4-Chlorotoluene	11.457	91	34642	4.16	ug/l	100
83) tert-Butylbenzene	11.720	119	34075	4.00	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	35188	4.16	ug/l	98
85) sec-Butylbenzene	11.896	105	43137	4.12	ug/l	100
86) p-Isopropyltoluene	12.012	119	36072	4.04	ug/l	97
87) 1,3-Dichlorobenzene	11.976	146	20164	4.14	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	20603	4.09	ug/l	93
89) n-Butylbenzene	12.335	91	29984	3.79	ug/l	99
90) Hexachloroethane	12.543	117	5735	3.90	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	20265	4.20	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	3077	3.62	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	11043	3.60	ug/l	98
94) Hexachlorobutadiene	13.731	225	5733	4.08	ug/l	99
95) Naphthalene	13.780	128	32250	3.28	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	10909	3.47	ug/l	99

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

