

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101321\
 Data File : VX024786.D
 Acq On : 13 Oct 2021 15:24
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101321

Manual Integrations
 APPROVED

apatel
 10/14/2021 2:35:48 PM

Quant Time: Oct 14 03:56:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 14 03:51:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	187365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	285304	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	270856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144208	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	105110	45.64	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	=	91.28%	
35) Dibromofluoromethane	5.391	113	80903	47.63	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	95.26%	
50) Toluene-d8	8.653	98	306438	48.78	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	97.56%	
62) 4-Bromofluorobenzene	11.085	95	122029	49.38	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	98.76%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	105143	52.68	ug/l	99
3) Chloromethane	1.294	50	88687	51.03	ug/l	100
4) Vinyl Chloride	1.374	62	92430	51.33	ug/l	100
5) Bromomethane	1.599	94	50529	54.40	ug/l	100
6) Chloroethane	1.679	64	56356	50.86	ug/l	100
7) Trichlorofluoromethane	1.886	101	157031	51.04	ug/l	99
8) Diethyl Ether	2.136	74	51722	51.20	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	91635	50.65	ug/l	100
10) Methyl Iodide	2.453	142	109762	48.11	ug/l	99
11) Tert butyl alcohol	2.977	59	120169	247.57	ug/l	100
12) 1,1-Dichloroethene	2.319	96	84884	51.93	ug/l	96
13) Acrolein	2.239	56	43487	215.75	ug/l	100
14) Allyl chloride	2.666	41	153549	52.01	ug/l	99
15) Acrylonitrile	3.069	53	270684	250.10	ug/l	99
16) Acetone	2.386	43	305991	270.71	ug/l	100
17) Carbon Disulfide	2.508	76	209870	49.14	ug/l	98
18) Methyl Acetate	2.709	43	189995	49.98	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	314437	52.08	ug/l	99
20) Methylene Chloride	2.788	84	95659	48.98	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	93780	51.41	ug/l	96
22) Diisopropyl ether	3.770	45	308851	51.82	ug/l	94
23) Vinyl Acetate	3.727	43	1214023	265.25	ug/l	100
24) 1,1-Dichloroethane	3.611	63	172902	50.43	ug/l	99
25) 2-Butanone	4.562	43	423098	258.15	ug/l	100
26) 2,2-Dichloropropane	4.477	77	160026	53.68	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	108246	51.76	ug/l	98
28) Bromochloromethane	4.904	49	69046	48.22	ug/l	96
29) Tetrahydrofuran	5.013	42	259335	249.01	ug/l	99
30) Chloroform	5.099	83	186620	50.64	ug/l	95
31) Cyclohexane	5.471	56	161719	52.71	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	171287	52.06	ug/l	99
36) 1,1-Dichloropropene	5.696	75	137911	54.62	ug/l	100
37) Ethyl Acetate	4.721	43	153731	52.85	ug/l	99
38) Carbon Tetrachloride	5.678	117	151962	53.72	ug/l	99
39) Methylcyclohexane	7.385	83	175620	56.11	ug/l	98
40) Benzene	6.044	78	386521	53.26	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	83088	52.35	ug/l	99
42) 1,2-Dichloroethane	6.092	62	152853	51.16	ug/l	99
43) Isopropyl Acetate	6.342	43	239358	53.20	ug/l	98
44) Trichloroethene	7.129	130	107938	53.06	ug/l	97
45) 1,2-Dichloropropane	7.434	63	99801	52.88	ug/l	99
46) Dibromomethane	7.580	93	72192	52.85	ug/l	98
47) Bromodichloromethane	7.824	83	140103	54.25	ug/l	99
48) Methyl methacrylate	7.696	41	119843	54.62	ug/l	98
49) 1,4-Dioxane	7.659	88	49360	1043.77	ug/l	100
51) 4-Methyl-2-Pentanone	8.580	43	785809	263.12	ug/l	99
52) Toluene	8.720	92	254203	54.13	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	161536	56.29	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	168623	56.08	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	105347	53.09	ug/l	99
56) Ethyl methacrylate	9.116	69	165941	50.59	ug/l	98
57) 1,3-Dichloropropane	9.311	76	174179	53.85	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	364502	262.85	ug/l	99
59) 2-Hexanone	9.433	43	629114	255.68	ug/l	99
60) Dibromochloromethane	9.525	129	110816	50.26	ug/l	100
61) 1,2-Dibromoethane	9.610	107	115551	54.18	ug/l	99
64) Tetrachloroethene	9.275	164	102336	51.62	ug/l	99
65) Chlorobenzene	10.079	112	281411	53.06	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	107248	54.51	ug/l	99
67) Ethyl Benzene	10.195	91	512220	55.42	ug/l	99
68) m/p-Xylenes	10.305	106	401367	112.56	ug/l	100
69) o-Xylene	10.646	106	193937	55.42	ug/l	98
70) Styrene	10.659	104	327667	52.25	ug/l	99
71) Bromoform	10.805	173	82939	49.69	ug/l #	99
73) Isopropylbenzene	10.963	105	518787	54.39	ug/l	99
74) N-amyl acetate	10.848	43	215238	53.87	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	165535	51.17	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	156871m	52.14	ug/l	
77) Bromobenzene	11.201	156	127959	52.21	ug/l	99
78) n-propylbenzene	11.305	91	608917	55.41	ug/l	99
79) 2-Chlorotoluene	11.366	91	366114	54.10	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	454183	56.13	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	56365	50.71	ug/l	97
82) 4-Chlorotoluene	11.457	91	425694	54.13	ug/l	100
83) tert-Butylbenzene	11.719	119	444706	56.72	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	458921	56.27	ug/l	99
85) sec-Butylbenzene	11.896	105	565071	56.30	ug/l	100
86) p-Isopropyltoluene	12.012	119	483654	57.42	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	247452	53.56	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	246709	52.25	ug/l	99
89) n-Butylbenzene	12.335	91	430238	57.97	ug/l	99
90) Hexachloroethane	12.542	117	75903	56.16	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	243238	53.26	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39700	53.64	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	160058	57.42	ug/l	100
94) Hexachlorobutadiene	13.725	225	73046	54.28	ug/l	99
95) Naphthalene	13.780	128	529097	52.04	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	161119	57.52	ug/l	99

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

