

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
 Data File : VX023754.D
 Acq On : 17 Aug 2021 09:53
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 5:55:46 PM

Quant Time: Aug 17 11:16:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:13:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	244435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	392570	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	358878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	17583	5.211	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	10.420%#
35) Dibromofluoromethane	5.397	113	13302	5.192	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.380%#
50) Toluene-d8	8.653	98	49029	4.700	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	9.400%#
62) 4-Bromofluorobenzene	11.085	95	16542	4.791	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	9.580%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	13183	5.110	ug/l	99
3) Chloromethane	1.294	50	15273	5.306	ug/l	98
4) Vinyl Chloride	1.374	62	14189	5.141	ug/l	99
5) Bromomethane	1.599	94	10327	5.553	ug/l	93
6) Chloroethane	1.678	64	9633	4.798	ug/l	92
7) Trichlorofluoromethane	1.880	101	23169	5.347	ug/l	97
8) Diethyl Ether	2.142	74	7940	5.273	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.331	101	12765	5.158	ug/l	95
10) Methyl Iodide	2.453	142	15444	4.649	ug/l	96
11) Tert butyl alcohol	2.983	59	18178	26.001	ug/l	98
12) 1,1-Dichloroethene	2.319	96	12314	5.266	ug/l	92
13) Acrolein	2.239	56	11377	26.999	ug/l	98
14) Allyl chloride	2.666	41	21962	5.130	ug/l #	91
15) Acrylonitrile	3.075	53	40743	26.548	ug/l	97
16) Acetone	2.392	43	40571	25.548	ug/l #	87
17) Carbon Disulfide	2.508	76	26070	4.896	ug/l #	94
18) Methyl Acetate	2.715	43	20232	5.256	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	42077	5.286	ug/l	97
20) Methylene Chloride	2.794	84	15650	5.186	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	13168	5.314	ug/l	97
22) Diisopropyl ether	3.770	45	44206	5.289	ug/l	92
23) Vinyl Acetate	3.733	43	174346	25.966	ug/l	94
24) 1,1-Dichloroethane	3.611	63	25465	5.363	ug/l	97
25) 2-Butanone	4.568	43	60893	26.607	ug/l	92
26) 2,2-Dichloropropane	4.483	77	19655	5.098	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	15894	5.354	ug/l	95
28) Bromochloromethane	4.910	49	10226	4.921	ug/l	98
29) Tetrahydrofuran	5.019	42	38680	26.325	ug/l	87
30) Chloroform	5.105	83	26082	5.187	ug/l	98
31) Cyclohexane	5.477	56	21910	5.085	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	22011	5.222	ug/l	96
36) 1,1-Dichloropropene	5.696	75	18356	5.140	ug/l	97
37) Ethyl Acetate	4.733	43	22888	5.172	ug/l	94
38) Carbon Tetrachloride	5.684	117	18069	4.931	ug/l	97
39) Methylcyclohexane	7.385	83	21917	5.062	ug/l	99
40) Benzene	6.044	78	55669	5.212	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	11840	4.963	ug/l	90
42) 1,2-Dichloroethane	6.098	62	22174	5.323	ug/l	96
43) Isopropyl Acetate	6.348	43	35707	5.273	ug/l	93
44) Trichloroethene	7.129	130	15543	5.257	ug/l	96
45) 1,2-Dichloropropane	7.440	63	15085	5.334	ug/l	93
46) Dibromomethane	7.592	93	10407	5.334	ug/l	96
47) Bromodichloromethane	7.830	83	17233	5.061	ug/l	96
48) Methyl methacrylate	7.702	41	17016	5.222	ug/l	84
49) 1,4-Dioxane	7.671	88	7681	104.821	ug/l #	92
51) 4-Methyl-2-Pentanone	8.580	43	120428	26.948	ug/l	87
52) Toluene	8.720	92	36009	5.305	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	18847	5.027	ug/l	94
54) cis-1,3-Dichloropropene	8.372	75	20576	5.021	ug/l #	87
55) 1,1,2-Trichloroethane	9.159	97	14802	5.295	ug/l	98
56) Ethyl methacrylate	9.122	69	22037	5.239	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	24959	5.363	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	57858	26.344	ug/l	96
59) 2-Hexanone	9.433	43	90169	26.199	ug/l	84
60) Dibromochloromethane	9.525	129	12611	4.974	ug/l	99
61) 1,2-Dibromoethane	9.610	107	15331	5.264	ug/l	99
64) Tetrachloroethene	9.275	164	16081	5.475	ug/l	98
65) Chlorobenzene	10.079	112	40196	5.397	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	13092	5.103	ug/l	98
67) Ethyl Benzene	10.195	91	65985	5.160	ug/l	99
68) m/p-Xylenes	10.305	106	50261	10.417	ug/l	99
69) o-Xylene	10.646	106	24629	5.190	ug/l	100
70) Styrene	10.659	104	39421	5.207	ug/l	98
71) Bromoform	10.805	173	8421	4.893	ug/l #	99
73) Isopropylbenzene	10.963	105	64156	5.414	ug/l	99
74) N-amyl acetate	10.848	43	27317	5.120	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	21200	5.290	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	19855m	4.777	ug/l	
77) Bromobenzene	11.201	156	16031	5.437	ug/l	97
78) n-propylbenzene	11.305	91	71502	5.311	ug/l	99
79) 2-Chlorotoluene	11.366	91	45217	5.500	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	52138	5.387	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	5403	4.931	ug/l #	76
82) 4-Chlorotoluene	11.457	91	49302	5.331	ug/l	99
83) tert-Butylbenzene	11.719	119	50146	5.327	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	52696	5.448	ug/l	100
85) sec-Butylbenzene	11.896	105	62957	5.326	ug/l	99
86) p-Isopropyltoluene	12.012	119	51098	5.301	ug/l	95
87) 1,3-Dichlorobenzene	11.975	146	27814	5.234	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	27819	5.258	ug/l	92
89) n-Butylbenzene	12.335	91	44184	5.141	ug/l	97
90) Hexachloroethane	12.542	117	6906	4.866	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	27210	5.265	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	3714	5.027	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	15710	5.301	ug/l	92
94) Hexachlorobutadiene	13.725	225	7229	5.231	ug/l	97
95) Naphthalene	13.780	128	48757	5.198	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	15125	5.159	ug/l	100

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

