

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
 Data File : VX024452.D
 Acq On : 23 Sep 2021 16:07
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 9/24/2021 6:57:46 PM

Quant Time: Sep 23 17:11:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 17:05:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	157261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	247657	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	40350	17.926	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	35.860%#		
35) Dibromofluoromethane	5.391	113	29209	17.534	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	35.060%#		
50) Toluene-d8	8.653	98	103850	17.065	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	34.140%#		
62) 4-Bromofluorobenzene	11.085	95	38902	16.508	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	33.020%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	33233	21.626	ug/l	95
3) Chloromethane	1.294	50	28529	18.169	ug/l	99
4) Vinyl Chloride	1.374	62	30661	19.419	ug/l	98
5) Bromomethane	1.605	94	21921	22.555	ug/l	97
6) Chloroethane	1.685	64	18954	18.251	ug/l	98
7) Trichlorofluoromethane	1.886	101	53105	19.992	ug/l	97
8) Diethyl Ether	2.136	74	18170	20.015	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	29875	19.292	ug/l	95
10) Methyl Iodide	2.453	142	39783	18.810	ug/l	92
11) Tert butyl alcohol	2.971	59	52275	97.108	ug/l	99
12) 1,1-Dichloroethene	2.319	96	28359	19.676	ug/l	92
13) Acrolein	2.239	56	8874	61.868	ug/l	95
14) Allyl chloride	2.666	41	49830	18.986	ug/l	89
15) Acrylonitrile	3.069	53	94936	102.562	ug/l	99
16) Acetone	2.386	43	94945	98.464	ug/l	94
17) Carbon Disulfide	2.514	76	66362	18.381	ug/l	99
18) Methyl Acetate	2.709	43	61758	20.383	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	101759	19.212	ug/l	100
20) Methylene Chloride	2.794	84	31972	17.543	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	30133	19.004	ug/l	97
22) Diisopropyl ether	3.770	45	99534	19.290	ug/l	98
23) Vinyl Acetate	3.733	43	416262	99.065	ug/l	95
24) 1,1-Dichloroethane	3.611	63	56512	18.710	ug/l	97
25) 2-Butanone	4.568	43	145067	101.619	ug/l	90
26) 2,2-Dichloropropane	4.477	77	51018	19.280	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	34825	19.098	ug/l	95
28) Bromochloromethane	4.910	49	24716	19.731	ug/l	95
29) Tetrahydrofuran	5.013	42	91898	102.714	ug/l	90
30) Chloroform	5.105	83	62064	19.303	ug/l	98
31) Cyclohexane	5.483	56	49348	18.840	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	55674	19.320	ug/l	97
36) 1,1-Dichloropropene	5.702	75	43698	19.158	ug/l	99
37) Ethyl Acetate	4.727	43	54003	20.071	ug/l #	93
38) Carbon Tetrachloride	5.690	117	48525	18.872	ug/l	99
39) Methylcyclohexane	7.385	83	52562	19.299	ug/l	94
40) Benzene	6.044	78	127210	19.532	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	28306	19.891	ug/l	91
42) 1,2-Dichloroethane	6.098	62	53157	19.464	ug/l	93
43) Isopropyl Acetate	6.348	43	83035	19.612	ug/l #	92
44) Trichloroethene	7.135	130	34479	18.848	ug/l	100
45) 1,2-Dichloropropane	7.434	63	32742	19.052	ug/l	93
46) Dibromomethane	7.586	93	23973	19.023	ug/l	98
47) Bromodichloromethane	7.830	83	44491	18.994	ug/l	96
48) Methyl methacrylate	7.696	41	40415	19.073	ug/l	84
49) 1,4-Dioxane	7.665	88	18715	414.206	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	282170	103.915	ug/l	90
52) Toluene	8.720	92	82563	19.325	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	48760	18.397	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	51588	18.877	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	33986	18.700	ug/l	99
56) Ethyl methacrylate	9.122	69	52612	19.291	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	55909	18.845	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	116848	87.284	ug/l	98
59) 2-Hexanone	9.433	43	222835	104.958	ug/l	86
60) Dibromochloromethane	9.525	129	33611	18.372	ug/l	99
61) 1,2-Dibromoethane	9.616	107	36970	18.994	ug/l	98
64) Tetrachloroethene	9.275	164	30091	17.256	ug/l	93
65) Chlorobenzene	10.079	112	89817	18.972	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	33169	18.924	ug/l	99
67) Ethyl Benzene	10.195	91	160256	19.296	ug/l	99
68) m/p-Xylenes	10.305	106	123635	38.876	ug/l	97
69) o-Xylene	10.646	106	61119	19.311	ug/l	99
70) Styrene	10.659	104	99956	19.439	ug/l	97
71) Bromoform	10.805	173	24215	18.460	ug/l #	99
73) Isopropylbenzene	10.963	105	160687	18.301	ug/l	99
74) N-amyl acetate	10.848	43	71667	19.321	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	55181	19.115	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	51527m	18.900	ug/l	
77) Bromobenzene	11.201	156	40178	18.267	ug/l	94
78) n-propylbenzene	11.305	91	186205	18.745	ug/l	99
79) 2-Chlorotoluene	11.366	91	111634	18.154	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	136554	18.393	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	15516	16.787	ug/l #	80
82) 4-Chlorotoluene	11.457	91	129943	18.468	ug/l	99
83) tert-Butylbenzene	11.719	119	136845	18.998	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	137794	18.854	ug/l	99
85) sec-Butylbenzene	11.890	105	168941	18.829	ug/l	99
86) p-Isopropyltoluene	12.012	119	143119	18.944	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	74585	18.716	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	75409	18.477	ug/l	98
89) n-Butylbenzene	12.335	91	124366	18.955	ug/l	96
90) Hexachloroethane	12.542	117	22172	18.264	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	75272	19.181	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13111	19.574	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	45949	19.713	ug/l	99
94) Hexachlorobutadiene	13.731	225	21662	18.645	ug/l	98
95) Naphthalene	13.780	128	156228	20.704	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	46447	19.762	ug/l	99

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

