

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101121\
 Data File : VX024719.D
 Acq On : 11 Oct 2021 18:02
 Operator : JC/MD
 Sample : VX1011MBSD01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011MBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/12/2021 11:28:34 AM

Quant Time: Oct 12 06:51:32 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	5.562	168	143924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	225894	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90734	44.731	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.460%		
35) Dibromofluoromethane	5.397	113	68673	45.762	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.520%		
50) Toluene-d8	8.653	98	248008	44.902	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.800%#		
62) 4-Bromofluorobenzene	11.085	95	94482	43.507	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	33179	22.910	ug/l	96
3) Chloromethane	1.294	50	26328	19.286	ug/l	97
4) Vinyl Chloride	1.374	62	29801	20.870	ug/l	99
5) Bromomethane	1.605	94	19898	20.704	ug/l	93
6) Chloroethane	1.685	64	17219	18.270	ug/l	93
7) Trichlorofluoromethane	1.886	101	48755	19.348	ug/l	98
8) Diethyl Ether	2.136	74	15783	18.401	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	28065	19.751	ug/l	95
10) Methyl Iodide	2.453	142	29786	14.981	ug/l	91
11) Tert butyl alcohol	2.977	59	35877	66.996	ug/l	100
12) 1,1-Dichloroethene	2.319	96	25618	19.417	ug/l	95
13) Acrolein	2.239	56	10765	104.235	ug/l	99
14) Allyl chloride	2.666	41	45344	18.799	ug/l	89
15) Acrylonitrile	3.068	53	83162	90.245	ug/l	97
16) Acetone	2.386	43	95862	106.174	ug/l	88
17) Carbon Disulfide	2.514	76	60421	17.913	ug/l	100
18) Methyl Acetate	2.709	43	58013	19.100	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	92506	18.605	ug/l	99
20) Methylene Chloride	2.794	84	31982	20.395	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	28398	18.955	ug/l	93
22) Diisopropyl ether	3.770	45	92013	18.671	ug/l	95
23) Vinyl Acetate	3.733	43	380276	95.292	ug/l	95
24) 1,1-Dichloroethane	3.617	63	52578	19.216	ug/l	99
25) 2-Butanone	4.568	43	141602	101.366	ug/l	96
26) 2,2-Dichloropropane	4.483	77	45753	18.588	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	33536	19.152	ug/l	98
28) Bromochloromethane	4.910	49	21210	17.075	ug/l	96
29) Tetrahydrofuran	5.019	42	79998	89.874	ug/l	90
30) Chloroform	5.105	83	57137	18.908	ug/l	99
31) Cyclohexane	5.477	56	44830	18.457	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	52237	19.471	ug/l	98
36) 1,1-Dichloropropene	5.702	75	40861	18.869	ug/l	98
37) Ethyl Acetate	4.721	43	46301	17.125	ug/l	96
38) Carbon Tetrachloride	5.684	117	45677	19.377	ug/l	98
39) Methylcyclohexane	7.385	83	48055	18.952	ug/l	94
40) Benzene	6.044	78	120515	19.462	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	25963	18.595	ug/l	92
42) 1,2-Dichloroethane	6.098	62	50289	19.338	ug/l	94
43) Isopropyl Acetate	6.348	43	76036	18.498	ug/l #	91
44) Trichloroethene	7.135	130	33352	19.576	ug/l	96
45) 1,2-Dichloropropane	7.440	63	31710	19.849	ug/l	96
46) Dibromomethane	7.586	93	22490	18.773	ug/l	98
47) Bromodichloromethane	7.824	83	41841	19.057	ug/l	98
48) Methyl methacrylate	7.702	41	40417	19.858	ug/l	86
49) 1,4-Dioxane	7.665	88	15280	327.768	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	280412	103.336	ug/l	90
52) Toluene	8.720	92	77248	19.312	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	45418	18.251	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	48929	19.337	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	32794	19.827	ug/l	97
56) Ethyl methacrylate	9.122	69	43098	16.371	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	52836	18.933	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	121020	93.132	ug/l	100
59) 2-Hexanone	9.433	43	218690	102.335	ug/l	87
60) Dibromochloromethane	9.525	129	32402	18.042	ug/l	98
61) 1,2-Dibromoethane	9.610	107	35165	19.366	ug/l	99
64) Tetrachloroethene	9.275	164	32745	22.577	ug/l	95
65) Chlorobenzene	10.079	112	85339	19.548	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	31946	19.635	ug/l	99
67) Ethyl Benzene	10.195	91	150704	19.501	ug/l	100
68) m/p-Xylenes	10.305	106	114918	38.779	ug/l	97
69) o-Xylene	10.646	106	55752	19.026	ug/l	98
70) Styrene	10.659	104	89007	18.165	ug/l	96
71) Bromoform	10.805	173	21731	16.934	ug/l #	97
73) Isopropylbenzene	10.963	105	150116	19.991	ug/l	99
74) N-amyl acetate	10.848	43	63028	18.248	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	50224	18.913	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	46179m	19.144	ug/l	
77) Bromobenzene	11.201	156	38338	19.841	ug/l	94
78) n-propylbenzene	11.305	91	168407	19.185	ug/l	99
79) 2-Chlorotoluene	11.366	91	103618	19.378	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	129611	20.205	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	14399	17.751	ug/l #	85
82) 4-Chlorotoluene	11.457	91	121978	19.387	ug/l	99
83) tert-Butylbenzene	11.719	119	120988	18.813	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	132463	20.768	ug/l	99
85) sec-Butylbenzene	11.896	105	145595	18.401	ug/l	100
86) p-Isopropyltoluene	12.012	119	133784	19.829	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	67657	18.386	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	68482	18.016	ug/l	98
89) n-Butylbenzene	12.335	91	114347	19.141	ug/l	96
90) Hexachloroethane	12.542	117	19595	17.662	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	67753	18.624	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11105	17.319	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	42688	18.430	ug/l	97
94) Hexachlorobutadiene	13.725	225	20180	19.046	ug/l	99
95) Naphthalene	13.780	128	139915	18.873	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	43848	18.475	ug/l	99

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

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