

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090721\
 Data File : VX024119.D
 Acq On : 07 Sep 2021 15:25
 Operator : JC/MD
 Sample : VX0907MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/8/2021 7:12:45 PM

Quant Time: Sep 08 13:25:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	171623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	265835	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	250709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	126438	52.786	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.580%
35) Dibromofluoromethane	5.391	113	93807	53.315	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.620%
50) Toluene-d8	8.653	98	333124	49.744	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.480%
62) 4-Bromofluorobenzene	11.085	95	136707	55.454	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.900%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	38618	21.327	ug/l	99
3) Chloromethane	1.294	50	36649	18.437	ug/l	99
4) Vinyl Chloride	1.374	62	36103	18.623	ug/l	97
5) Bromomethane	1.599	94	28397	23.298	ug/l	97
6) Chloroethane	1.685	64	23702	16.756	ug/l	98
7) Trichlorofluoromethane	1.886	101	62005	20.253	ug/l	98
8) Diethyl Ether	2.136	74	22024	20.600	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	36472	21.171	ug/l	96
10) Methyl Iodide	2.453	142	44201	18.427	ug/l	92
11) Tert butyl alcohol	2.977	59	49958	103.132	ug/l	98
12) 1,1-Dichloroethene	2.319	96	33851	20.552	ug/l	95
13) Acrolein	2.239	56	27085	93.959	ug/l	94
14) Allyl chloride	2.666	41	59125	19.479	ug/l	89
15) Acrylonitrile	3.069	53	108588	100.609	ug/l	97
16) Acetone	2.386	43	103250	96.404	ug/l	90
17) Carbon Disulfide	2.514	76	78316	19.936	ug/l	99
18) Methyl Acetate	2.709	43	64793	24.234	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	127770	22.289	ug/l	100
20) Methylene Chloride	2.794	84	40435	19.765	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	37049	21.059	ug/l	91
22) Diisopropyl ether	3.764	45	123863	20.488	ug/l #	82
23) Vinyl Acetate	3.727	43	544890	111.418	ug/l	94
24) 1,1-Dichloroethane	3.617	63	69312	20.601	ug/l	98
25) 2-Butanone	4.562	43	158176	97.507	ug/l	91
26) 2,2-Dichloropropane	4.477	77	59590	21.579	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	42973	20.528	ug/l	96
28) Bromochloromethane	4.897	49	23661	15.466	ug/l	98
29) Tetrahydrofuran	5.013	42	102001	97.074	ug/l	92
30) Chloroform	5.099	83	74947	21.038	ug/l	99
31) Cyclohexane	5.477	56	60910	19.793	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	66043	21.650	ug/l	98
36) 1,1-Dichloropropene	5.696	75	53194	21.607	ug/l	99
37) Ethyl Acetate	4.721	43	62675	20.711	ug/l	94
38) Carbon Tetrachloride	5.684	117	57644	22.455	ug/l	95
39) Methylcyclohexane	7.385	83	65647	21.901	ug/l	96
40) Benzene	6.044	78	154301	21.197	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	33571	20.464	ug/l	91
42) 1,2-Dichloroethane	6.092	62	67086	23.448	ug/l	93
43) Isopropyl Acetate	6.348	43	100884	21.313	ug/l	93
44) Trichloroethene	7.129	130	42873	21.320	ug/l	99
45) 1,2-Dichloropropane	7.434	63	40629	21.018	ug/l	98
46) Dibromomethane	7.586	93	29693	22.073	ug/l	97
47) Bromodichloromethane	7.824	83	56077	23.043	ug/l	98
48) Methyl methacrylate	7.696	41	60853	26.354	ug/l	86
49) 1,4-Dioxane	7.665	88	20331	416.604	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	325622	106.420	ug/l	92
52) Toluene	8.720	92	101048	21.422	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	62631	21.210	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	65566	22.235	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	43076	22.181	ug/l	98
56) Ethyl methacrylate	9.116	69	52715	16.404	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	72393	22.476	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	146184	93.481	ug/l	99
59) 2-Hexanone	9.433	43	256407	109.018	ug/l	87
60) Dibromochloromethane	9.525	129	44544	21.755	ug/l	98
61) 1,2-Dibromoethane	9.610	107	46322	22.579	ug/l	99
64) Tetrachloroethene	9.275	164	43757	21.852	ug/l	95
65) Chlorobenzene	10.079	112	114650	21.915	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	42480	22.814	ug/l	99
67) Ethyl Benzene	10.195	91	202474	22.163	ug/l	100
68) m/p-Xylenes	10.305	106	152952	43.955	ug/l	98
69) o-Xylene	10.646	106	73769	21.573	ug/l	97
70) Styrene	10.659	104	111792	20.067	ug/l	97
71) Bromoform	10.805	173	31732	22.094	ug/l #	98
73) Isopropylbenzene	10.963	105	201843	20.773	ug/l	100
74) N-amyl acetate	10.848	43	86862	19.782	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	68852	21.622	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	67073m	22.571	ug/l	
77) Bromobenzene	11.201	156	52873	22.094	ug/l	93
78) n-propylbenzene	11.305	91	227222	20.446	ug/l	100
79) 2-Chlorotoluene	11.366	91	138404	20.605	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	170859	21.398	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	20008	19.806	ug/l #	86
82) 4-Chlorotoluene	11.457	91	160674	21.074	ug/l	99
83) tert-Butylbenzene	11.719	119	165944	21.398	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	174254	21.887	ug/l	99
85) sec-Butylbenzene	11.890	105	196856	20.050	ug/l	99
86) p-Isopropyltoluene	12.012	119	178371	22.074	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	91188	21.061	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	89532	20.733	ug/l	97
89) n-Butylbenzene	12.335	91	157887	21.883	ug/l	96
90) Hexachloroethane	12.542	117	27819	20.637	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	87552	20.872	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14283	20.465	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	55984	22.176	ug/l	98
94) Hexachlorobutadiene	13.725	225	26536	23.583	ug/l	96
95) Naphthalene	13.780	128	180039	20.109	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	54906	21.838	ug/l	99

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

