

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036621.D
 Acq On : 24 Jul 2023 10:54
 Operator : JC/MD
 Sample : VX0724MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724MBL01

Quant Time: Jul 25 06:33:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	187177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	329042	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	141089	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	123138	44.461	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.920%
35) Dibromofluoromethane	5.385	113	104738	46.310	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.620%
50) Toluene-d8	8.647	98	397865	49.607	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.220%
62) 4-Bromofluorobenzene	11.079	95	154973	51.215	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.420%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	64	0.026	ug/l #	41
3) Chloromethane	1.295	50	379	0.169	ug/l	93
4) Vinyl Chloride	1.374	62	180	0.079	ug/l	99
6) Chloroethane	1.691	64	70	0.063	ug/l #	6
7) Trichlorofluoromethane	1.892	101	118	0.033	ug/l #	18
8) Diethyl Ether	2.136	74	44	0.032	ug/l #	1
10) Methyl Iodide	2.459	142	420	0.190	ug/l #	67
12) 1,1-Dichloroethene	2.325	96	349	0.167	ug/l #	35
14) Allyl chloride	2.660	41	399	0.097	ug/l #	77
18) Methyl Acetate	2.703	43	515	0.107	ug/l #	70
19) Methyl tert-butyl Ether	3.105	73	76	0.010	ug/l #	78
22) Diisopropyl ether	3.745	45	88	0.011	ug/l #	15
23) Vinyl Acetate	3.727	43	1142	0.190	ug/l #	73
24) 1,1-Dichloroethane	3.599	63	50	0.011	ug/l #	83
26) 2,2-Dichloropropane	4.459	77	38	0.009	ug/l #	54
27) cis-1,2-Dichloroethene	4.483	96	247	0.089	ug/l	53
28) Bromochloromethane	4.904	49	104	0.049	ug/l #	16
29) Tetrahydrofuran	5.026	42	187	0.156	ug/l #	71
30) Chloroform	5.093	83	340	0.076	ug/l #	19
31) Cyclohexane	5.471	56	232	0.061	ug/l #	1
32) 1,1,1-Trichloroethane	5.501	97	40	0.010	ug/l #	23
37) Ethyl Acetate	4.721	43	161	0.042	ug/l #	59
39) Methylcyclohexane	7.379	83	322	0.077	ug/l #	49
40) Benzene	6.032	78	379	0.039	ug/l #	78
41) Methacrylonitrile	4.904	41	18	0.009	ug/l #	1
42) 1,2-Dichloroethane	6.092	62	383	0.107	ug/l	89
43) Isopropyl Acetate	6.336	43	63	0.010	ug/l #	62
44) Trichloroethene	7.129	130	268	0.105	ug/l	82
46) Dibromomethane	7.592	93	205	0.112	ug/l #	73
47) Bromodichloromethane	7.824	83	226	0.060	ug/l #	96
48) Methyl methacrylate	7.684	41	87	0.028	ug/l #	41
51) 4-Methyl-2-Pentanone	8.574	43	680	0.187	ug/l #	79
52) Toluene	8.720	92	449	0.073	ug/l	90
53) t-1,3-Dichloropropene	8.982	75	380	0.089	ug/l #	50
54) cis-1,3-Dichloropropene	8.373	75	256	0.057	ug/l #	83
55) 1,1,2-Trichloroethane	9.159	97	40	0.015	ug/l #	28

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Ethyl methacrylate	9.122	69	384	0.091	ug/l #	63
57) 1,3-Dichloropropane	9.311	76	143	0.033	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.251	63	355	0.171	ug/l	95
60) Dibromochloromethane	9.519	129	96	0.034	ug/l	81
61) 1,2-Dibromoethane	9.604	107	185	0.069	ug/l	95
64) Tetrachloroethane	9.269	164	226	0.098	ug/l #	66
65) Chlorobenzene	10.080	112	720	0.106	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	48	0.018	ug/l #	9
67) Ethyl Benzene	10.195	91	930	0.075	ug/l #	83
68) m/p-Xylenes	10.305	106	677	0.146	ug/l	78
69) o-Xylene	10.647	106	295	0.064	ug/l	82
70) Styrene	10.659	104	782	0.102	ug/l	89
73) Isopropylbenzene	10.964	105	896	0.077	ug/l	98
74) N-amyl acetate	10.836	43	522	0.096	ug/l #	69
75) 1,1,2,2-Tetrachloroethane	11.220	83	229	0.058	ug/l #	87
77) Bromobenzene	11.201	156	322	0.121	ug/l	84
78) n-propylbenzene	11.305	91	1539	0.114	ug/l	97
79) 2-Chlorotoluene	11.360	91	957	0.117	ug/l	86
80) 1,3,5-Trimethylbenzene	11.451	105	816	0.084	ug/l	99
82) 4-Chlorotoluene	11.457	91	1487	0.159	ug/l	98
83) tert-Butylbenzene	11.713	119	988	0.103	ug/l	82
84) 1,2,4-Trimethylbenzene	11.756	105	972	0.099	ug/l	98
85) sec-Butylbenzene	11.890	105	1661	0.139	ug/l	93
86) p-Isopropyltoluene	12.006	119	1187	0.121	ug/l #	42
87) 1,3-Dichlorobenzene	11.969	146	961	0.195	ug/l	96
88) 1,4-Dichlorobenzene	11.969	146	961	0.197	ug/l	97
90) Hexachloroethane	12.530	117	67	0.034	ug/l	64
91) 1,2-Dichlorobenzene	12.335	146	803	0.169	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	57	0.062	ug/l #	37

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

