

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013024\
 Data File : VX040017.D
 Acq On : 30 Jan 2024 14:28
 Operator : JC/MD
 Sample : VX0130MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130MBL01

Quant Time: Jan 31 05:35:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 05:24:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	88210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	156155	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	148346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71681	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	64599	45.504	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.000%
35) Dibromofluoromethane	5.379	113	51009	47.986	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.980%
50) Toluene-d8	8.647	98	194500	48.927	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.860%
62) 4-Bromofluorobenzene	11.079	95	74005	48.347	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.700%

Target Compounds				Qvalue		
3) Chloromethane	1.295	50	109	0.116	ug/l #	43
4) Vinyl Chloride	1.374	62	108	0.124	ug/l #	88
5) Bromomethane	1.618	94	113	0.133	ug/l #	3
10) Methyl Iodide	2.459	142	109	0.099	ug/l #	77
12) 1,1-Dichloroethene	2.325	96	110	0.111	ug/l #	25
14) Allyl chloride	2.660	41	140	0.078	ug/l #	1
18) Methyl Acetate	2.703	43	150	0.095	ug/l #	53
23) Vinyl Acetate	3.739	43	443	0.143	ug/l #	73
27) cis-1,2-Dichloroethene	4.489	96	129	0.106	ug/l #	7
28) Bromochloromethane	4.904	49	61	0.066	ug/l #	16
37) Ethyl Acetate	4.648	43	82	0.049	ug/l #	69
39) Methylcyclohexane	7.379	83	87	0.047	ug/l #	17
40) Benzene	6.031	78	200	0.045	ug/l #	51
41) Methacrylonitrile	4.946	41	19	0.022	ug/l #	1
42) 1,2-Dichloroethane	6.092	62	204	0.118	ug/l #	77
44) Trichloroethene	7.135	130	230	0.195	ug/l	57
46) Dibromomethane	7.598	93	76	0.086	ug/l #	53
47) Bromodichloromethane	7.830	83	20	0.013	ug/l #	26
52) Toluene	8.714	92	152	0.054	ug/l #	9
53) t-1,3-Dichloropropene	8.988	75	322	0.196	ug/l #	43
54) cis-1,3-Dichloropropene	8.385	75	28	0.016	ug/l #	29
57) 1,3-Dichloropropane	9.324	76	21	0.011	ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.269	63	135	0.159	ug/l #	47
60) Dibromochloromethane	9.269	129	71	0.061	ug/l #	11
61) 1,2-Dibromoethane	9.616	107	52	0.042	ug/l #	40
64) Tetrachloroethene	9.269	164	113	0.117	ug/l #	77
65) Chlorobenzene	10.079	112	554	0.181	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	43	0.042	ug/l #	9
67) Ethyl Benzene	10.201	91	566	0.103	ug/l #	81
68) m/p-Xylenes	10.305	106	337	0.163	ug/l	80
69) o-Xylene	10.646	106	104	0.053	ug/l #	25
70) Styrene	10.659	104	352	0.106	ug/l #	83
73) Isopropylbenzene	10.964	105	438	0.085	ug/l	78
75) 1,1,2,2-Tetrachloroethane	11.195	83	19	0.010	ug/l #	26
78) n-propylbenzene	11.305	91	874	0.138	ug/l	93
79) 2-Chlorotoluene	11.372	91	518	0.136	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.457	105	441	0.100	ug/l	88
83) tert-Butylbenzene	11.713	119	352	0.083	ug/l	85
84) 1,2,4-Trimethylbenzene	11.750	105	544	0.123	ug/l	86
85) sec-Butylbenzene	11.890	105	906	0.162	ug/l	97
86) p-Isopropyltoluene	12.006	119	740	0.162	ug/l #	46
91) 1,2-Dichlorobenzene	12.335	146	430	0.186	ug/l	91

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

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