

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102623\
 Data File : VN079693.D
 Acq On : 26 Oct 2023 12:04
 Operator : JC\MD
 Sample : VN1026MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2023
 Supervised By : Mahesh Dadoda 10/27/2023

Quant Time: Oct 27 01:18:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	246771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	421927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	390746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	158930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	208663	52.150	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.300%			
35) Dibromofluoromethane	8.171	113	165348	54.532	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.060%			
50) Toluene-d8	10.571	98	590931	53.863	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.720%			
62) 4-Bromofluorobenzene	12.853	95	186919	53.089	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	63898	18.070	ug/l	100
3) Chloromethane	2.365	50	73859	16.740	ug/l	100
4) Vinyl Chloride	2.518	62	80777	17.601	ug/l	96
5) Bromomethane	2.959	94	57903	21.076	ug/l	99
6) Chloroethane	3.124	64	58545	16.921	ug/l	94
7) Trichlorofluoromethane	3.501	101	128429	23.701	ug/l	98
8) Diethyl Ether	3.965	74	43423	22.478	ug/l	59
9) 1,1,2-Trichlorotrifluo...	4.377	101	71576	22.604	ug/l	99
10) Methyl Iodide	4.595	142	69926	25.448	ug/l	98
11) Tert butyl alcohol	5.524	59	47774	79.331	ug/l	99
12) 1,1-Dichloroethene	4.342	96	65656	22.519	ug/l #	82
13) Acrolein	4.183	56	67418	112.431	ug/l	96
14) Allyl chloride	5.030	41	83932	17.838	ug/l #	92
15) Acrylonitrile	5.730	53	166158	95.170	ug/l	99
16) Acetone	4.436	43	200450	126.307	ug/l	92
17) Carbon Disulfide	4.718	76	171416	18.848	ug/l	97
18) Methyl Acetate	5.030	43	141178	18.175	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	181460	19.155	ug/l #	89
20) Methylene Chloride	5.277	84	68429	19.321	ug/l #	78
21) trans-1,2-Dichloroethene	5.794	96	59490	17.470	ug/l #	79
22) Diisopropyl ether	6.677	45	212409	20.132	ug/l #	93
23) Vinyl Acetate	6.612	43	548767	92.468	ug/l #	86
24) 1,1-Dichloroethane	6.577	63	125436	19.426	ug/l	98
25) 2-Butanone	7.488	43	228446	96.986	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	99497	20.163	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	71023	19.198	ug/l	84
28) Bromochloromethane	7.812	49	62213	20.250	ug/l #	76
29) Tetrahydrofuran	7.847	42	143682	94.318	ug/l #	75
30) Chloroform	7.971	83	131399	20.141	ug/l	95
31) Cyclohexane	8.259	56	98922	17.429	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	110112	20.055	ug/l #	92
36) 1,1-Dichloropropene	8.377	75	89706	19.712	ug/l	95
37) Ethyl Acetate	7.571	43	93703	20.693	ug/l #	90
38) Carbon Tetrachloride	8.365	117	94441	20.730	ug/l	94
39) Methylcyclohexane	9.606	83	79063	18.083	ug/l #	82
40) Benzene	8.612	78	281599	20.836	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	48409	20.335	ug/l #	85
42) 1,2-Dichloroethane	8.677	62	102546	20.881	ug/l	97
43) Isopropyl Acetate	8.694	43	147191	18.554	ug/l #	90
44) Trichloroethene	9.359	130	65427	20.568	ug/l	97
45) 1,2-Dichloropropane	9.624	63	74728	20.986	ug/l	94
46) Dibromomethane	9.712	93	48338	20.959	ug/l	95
47) Bromodichloromethane	9.894	83	101676	21.432	ug/l #	99
48) Methyl methacrylate	9.688	41	65982	19.409	ug/l #	82
49) 1,4-Dioxane	9.694	88	23456	374.590	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	463356	103.467	ug/l	87
52) Toluene	10.635	92	169160	21.263	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	97621	20.419	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	108433	20.719	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	70403	22.043	ug/l	97
56) Ethyl methacrylate	10.877	69	88383	20.139	ug/l #	81
57) 1,3-Dichloropropane	11.171	76	120728	21.891	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	151636	90.220	ug/l	89
59) 2-Hexanone	11.200	43	328101	101.530	ug/l	86
60) Dibromochloromethane	11.365	129	69010	21.499	ug/l	97
61) 1,2-Dibromoethane	11.471	107	65767	20.749	ug/l	99
64) Tetrachloroethene	11.106	164	54067	20.114	ug/l	91
65) Chlorobenzene	11.894	112	168289	19.339	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	64722	20.313	ug/l	99
67) Ethyl Benzene	11.965	91	299116	19.776	ug/l	94
68) m/p-Xylenes	12.076	106	221578	40.319	ug/l	93
69) o-Xylene	12.400	106	106327	19.673	ug/l	94
70) Styrene	12.418	104	172803	20.242	ug/l	97
71) Bromoform	12.582	173	45964	19.711	ug/l #	100
73) Isopropylbenzene	12.700	105	267593	18.098	ug/l	99
74) N-amyl acetate	12.500	43	106503	17.570	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	98548	19.919	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	89161m	19.457	ug/l	
77) Bromobenzene	12.982	156	64821	17.880	ug/l	94
78) n-propylbenzene	13.041	91	317846	19.000	ug/l	98
79) 2-Chlorotoluene	13.129	91	196597	18.366	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	222443	19.079	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	26904	17.035	ug/l #	79
82) 4-Chlorotoluene	13.223	91	190057	18.658	ug/l	100
83) tert-Butylbenzene	13.441	119	178805	18.718	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	222814	20.025	ug/l	100
85) sec-Butylbenzene	13.617	105	249453	18.722	ug/l	99
86) p-Isopropyltoluene	13.735	119	198843	19.453	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	108245	18.825	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	108257	18.233	ug/l	99
89) n-Butylbenzene	14.059	91	149314	18.293	ug/l	96
90) Hexachloroethane	14.335	117	42199	19.702	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	106151	18.925	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14161	16.563	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	25006	14.395	ug/l	92
94) Hexachlorobutadiene	15.506	225	25308	18.705	ug/l	99
95) Naphthalene	15.647	128	64917	12.238	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	27844	13.432	ug/l	97

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

