

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083574.D
 Acq On : 30 Aug 2024 14:45
 Operator : JC\MD
 Sample : VN0830MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0830MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/03/2024
 Supervised By : Mahesh Dadoda 09/03/2024

Quant Time: Aug 31 02:37:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	190630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	328356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	283603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	141962	53.284	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.560%			
35) Dibromofluoromethane	8.165	113	103858	52.552	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.100%			
50) Toluene-d8	10.565	98	387993	50.349	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.700%			
62) 4-Bromofluorobenzene	12.847	95	149580	52.466	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	40699	20.173	ug/l	94
3) Chloromethane	2.359	50	44089	18.760	ug/l	96
4) Vinyl Chloride	2.512	62	45705	19.432	ug/l	98
5) Bromomethane	2.918	94	30081	24.328	ug/l	96
6) Chloroethane	3.095	64	26611	17.314	ug/l	99
7) Trichlorofluoromethane	3.483	101	74129	19.138	ug/l	98
8) Diethyl Ether	3.953	74	27019	19.513	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.359	101	41861	19.928	ug/l	99
10) Methyl Iodide	4.583	142	56203	19.779	ug/l	90
11) Tert butyl alcohol	5.524	59	42952	103.398	ug/l	100
12) 1,1-Dichloroethene	4.330	96	38415	18.395	ug/l	94
13) Acrolein	4.177	56	34768	88.468	ug/l	98
14) Allyl chloride	5.018	41	70631	18.969	ug/l	99
15) Acrylonitrile	5.718	53	102816	100.363	ug/l	100
16) Acetone	4.424	43	111555	104.998	ug/l	99
17) Carbon Disulfide	4.712	76	104514	17.173	ug/l	99
18) Methyl Acetate	5.024	43	53756	19.025	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	144769	19.543	ug/l	99
20) Methylene Chloride	5.265	84	43795	18.666	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	38954	17.907	ug/l	90
22) Diisopropyl ether	6.671	45	142608	19.424	ug/l	98
23) Vinyl Acetate	6.600	43	539739	99.199	ug/l	99
24) 1,1-Dichloroethane	6.559	63	80438	19.212	ug/l	100
25) 2-Butanone	7.482	43	146942	101.581	ug/l	99
26) 2,2-Dichloropropane	7.494	77	75125	19.272	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	49525	19.079	ug/l	99
28) Bromochloromethane	7.812	49	37092	18.971	ug/l	99
29) Tetrahydrofuran	7.841	42	89020	99.213	ug/l	99
30) Chloroform	7.971	83	85914	19.476	ug/l	95
31) Cyclohexane	8.253	56	74146	17.991	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	78831	19.763	ug/l	96
36) 1,1-Dichloropropene	8.371	75	57749	19.157	ug/l	98
37) Ethyl Acetate	7.559	43	58769	19.589	ug/l	100
38) Carbon Tetrachloride	8.359	117	67372	19.588	ug/l	96
39) Methylcyclohexane	9.600	83	70524	19.496	ug/l	96
40) Benzene	8.606	78	179186	19.323	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	33957	19.835	ug/l	99
42) 1,2-Dichloroethane	8.671	62	67354	19.594	ug/l	99
43) Isopropyl Acetate	8.688	43	127881	20.546	ug/l	94
44) Trichloroethene	9.353	130	41582	18.641	ug/l	96
45) 1,2-Dichloropropane	9.618	63	43263	20.027	ug/l	97
46) Dibromomethane	9.706	93	31206	19.581	ug/l	98
47) Bromodichloromethane	9.888	83	67238	19.820	ug/l	93
48) Methyl methacrylate	9.676	41	50491	20.519	ug/l	100
49) 1,4-Dioxane	9.694	88	17657	437.917	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	291954	104.675	ug/l	100
52) Toluene	10.629	92	113992	19.655	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	68264	19.438	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	70776	19.200	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	41830	20.208	ug/l	97
56) Ethyl methacrylate	10.871	69	71153	20.778	ug/l	96
57) 1,3-Dichloropropane	11.165	76	71515	19.514	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	132973	89.365	ug/l	98
59) 2-Hexanone	11.194	43	221008	105.585	ug/l	99
60) Dibromochloromethane	11.359	129	47492	19.800	ug/l	98
61) 1,2-Dibromoethane	11.470	107	41575	19.659	ug/l	99
64) Tetrachloroethene	11.106	164	35289	18.931	ug/l	96
65) Chlorobenzene	11.888	112	120128	18.887	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	41219	19.195	ug/l	97
67) Ethyl Benzene	11.965	91	217969	19.199	ug/l	100
68) m/p-Xylenes	12.070	106	163041	38.121	ug/l	100
69) o-Xylene	12.400	106	80737	19.531	ug/l	100
70) Styrene	12.412	104	134158	19.302	ug/l	99
71) Bromoform	12.576	173	29915	19.558	ug/l #	99
73) Isopropylbenzene	12.694	105	209273	18.703	ug/l	99
74) N-amyl acetate	12.494	43	89647	18.458	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	59947	18.871	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	52629m	18.855	ug/l	
77) Bromobenzene	12.982	156	47511	18.098	ug/l	99
78) n-propylbenzene	13.035	91	240599	18.598	ug/l	98
79) 2-Chlorotoluene	13.123	91	154964	18.485	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	176546	18.729	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	21414	18.095	ug/l	97
82) 4-Chlorotoluene	13.223	91	147350	17.302	ug/l	99
83) tert-Butylbenzene	13.435	119	156676	18.695	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	177178	18.674	ug/l	100
85) sec-Butylbenzene	13.617	105	206817	18.567	ug/l	99
86) p-Isopropyltoluene	13.729	119	174013	18.704	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	87087	17.089	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	86111	16.445	ug/l	98
89) n-Butylbenzene	14.059	91	147057	17.969	ug/l	99
90) Hexachloroethane	14.335	117	34005	18.777	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	86081	17.541	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13312	19.323	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	43089	15.484	ug/l	99
94) Hexachlorobutadiene	15.500	225	18753	16.827	ug/l	99
95) Naphthalene	15.641	128	144119	16.119	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	43047	15.485	ug/l	97

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

