

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040324\
 Data File : VN081662.D
 Acq On : 03 Apr 2024 17:33
 Operator : JC\MD
 Sample : VN0403MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0403MBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/04/2024
 Supervised By :Semsettin Yesilyurt 04/04/2024

Quant Time: Apr 04 06:32:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	371102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	643886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	578278	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	267789	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	258014	54.519	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.040%	
35) Dibromofluoromethane	8.165	113	232291	57.164	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 114.320%	
50) Toluene-d8	10.565	98	799525	54.429	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.860%	
62) 4-Bromofluorobenzene	12.847	95	294652	56.927	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 113.860%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	81375	16.285	ug/l	99
3) Chloromethane	2.365	50	76918	15.461	ug/l	96
4) Vinyl Chloride	2.518	62	87131	15.605	ug/l	96
5) Bromomethane	2.965	94	63410	16.059	ug/l	92
6) Chloroethane	3.124	64	63338	16.522	ug/l	100
7) Trichlorofluoromethane	3.501	101	159285	19.142	ug/l	93
8) Diethyl Ether	3.965	74	57196	20.769	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.371	101	93436	19.762	ug/l	# 87
10) Methyl Iodide	4.589	142	96041	20.397	ug/l	98
11) Tert butyl alcohol	5.506	59	77894	94.448	ug/l	99
12) 1,1-Dichloroethene	4.348	96	82639	18.869	ug/l	81
13) Acrolein	4.177	56	57762	78.052	ug/l	94
14) Allyl chloride	5.018	41	102776	18.728	ug/l	# 86
15) Acrylonitrile	5.712	53	209495	94.950	ug/l	98
16) Acetone	4.424	43	142828	93.386	ug/l	97
17) Carbon Disulfide	4.718	76	177129	14.094	ug/l	97
18) Methyl Acetate	5.024	43	111421	23.630	ug/l	# 85
19) Methyl tert-butyl Ether	5.795	73	302176	22.046	ug/l	96
20) Methylene Chloride	5.277	84	101656	20.291	ug/l	# 82
21) trans-1,2-Dichloroethene	5.789	96	90832	18.601	ug/l	84
22) Diisopropyl ether	6.671	45	269295	21.119	ug/l	# 90
23) Vinyl Acetate	6.600	43	997381	98.266	ug/l	# 89
24) 1,1-Dichloroethane	6.571	63	169917	19.895	ug/l	# 96
25) 2-Butanone	7.477	43	256581	97.808	ug/l	# 85
26) 2,2-Dichloropropane	7.494	77	157632	21.280	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	116558	21.096	ug/l	80
28) Bromochloromethane	7.818	49	68474	19.684	ug/l	# 44
29) Tetrahydrofuran	7.836	42	172104	97.386	ug/l	# 75
30) Chloroform	7.965	83	191556	20.951	ug/l	96
31) Cyclohexane	8.259	56	132657	17.226	ug/l	# 80
32) 1,1,1-Trichloroethane	8.165	97	172423	20.786	ug/l	93
36) 1,1-Dichloropropene	8.371	75	127819	18.691	ug/l	94
37) Ethyl Acetate	7.553	43	105684	18.048	ug/l	# 95
38) Carbon Tetrachloride	8.365	117	150139	20.042	ug/l	97
39) Methylcyclohexane	9.600	83	139686	18.291	ug/l	86
40) Benzene	8.606	78	394564	19.735	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	59927	19.351	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	132920	18.892	ug/l	96
43) Isopropyl Acetate	8.689	43	188493	19.419	ug/l #	90
44) Trichloroethene	9.353	130	116215	20.668	ug/l	89
45) 1,2-Dichloropropane	9.618	63	100164	20.672	ug/l	100
46) Dibromomethane	9.712	93	75186	20.433	ug/l #	85
47) Bromodichloromethane	9.888	83	147963	20.567	ug/l #	99
48) Methyl methacrylate	9.683	41	86510	19.323	ug/l #	86
49) 1,4-Dioxane	9.688	88	40797	379.184	ug/l #	79
51) 4-Methyl-2-Pentanone	10.441	43	576731	97.373	ug/l	90
52) Toluene	10.630	92	254482	20.026	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	156433	20.137	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	167293	20.085	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	106631	20.851	ug/l	95
56) Ethyl methacrylate	10.871	69	143131	20.351	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	174132	20.771	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	332495	103.329	ug/l #	83
59) 2-Hexanone	11.194	43	423637	96.741	ug/l	88
60) Dibromochloromethane	11.359	129	119667	21.277	ug/l	98
61) 1,2-Dibromoethane	11.471	107	106499	20.426	ug/l	95
64) Tetrachloroethene	11.100	164	116809	21.132	ug/l	87
65) Chlorobenzene	11.894	112	286963	20.991	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	109600	21.632	ug/l	96
67) Ethyl Benzene	11.965	91	491573	20.701	ug/l	95
68) m/p-Xylenes	12.071	106	383357	43.063	ug/l	92
69) o-Xylene	12.400	106	190830	21.835	ug/l	91
70) Styrene	12.412	104	305476	21.672	ug/l	95
71) Bromoform	12.576	173	80839	21.232	ug/l #	96
73) Isopropylbenzene	12.694	105	494616	21.668	ug/l	97
74) N-amyl acetate	12.494	43	158661	19.207	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.941	83	132331	19.717	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	121649m	18.991	ug/l	
77) Bromobenzene	12.982	156	117617	20.859	ug/l	69
78) n-propylbenzene	13.035	91	566759	21.025	ug/l	95
79) 2-Chlorotoluene	13.124	91	343273	21.276	ug/l	91
80) 1,3,5-Trimethylbenzene	13.171	105	413750	21.945	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.735	75	52884	22.310	ug/l	95
82) 4-Chlorotoluene	13.224	91	330531	20.779	ug/l	92
83) tert-Butylbenzene	13.441	119	366809	22.562	ug/l	91
84) 1,2,4-Trimethylbenzene	13.482	105	414618	21.880	ug/l	93
85) sec-Butylbenzene	13.618	105	507811	21.849	ug/l	93
86) p-Isopropyltoluene	13.729	119	422356	22.231	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	222248	21.452	ug/l	93
88) 1,4-Dichlorobenzene	13.812	146	217347	20.261	ug/l	96
89) n-Butylbenzene	14.059	91	361773	21.474	ug/l	96
90) Hexachloroethane	14.335	117	75292	20.926	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	211362	21.196	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.718	75	28324	19.831	ug/l	63
93) 1,2,4-Trichlorobenzene	15.394	180	120848	20.960	ug/l	99
94) Hexachlorobutadiene	15.500	225	50274	19.873	ug/l	93
95) Naphthalene	15.641	128	427899	22.904	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	125137	21.577	ug/l	98

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

