

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082024\
 Data File : VN083401.D
 Acq On : 20 Aug 2024 15:39
 Operator : JC\MD
 Sample : VN0820MBS01
 Misc : 5.00g/10 mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820MBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/21/2024
 Supervised By :Semsettin Yesilyurt 08/21/2024

Quant Time: Aug 21 02:25:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	168416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	288823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136239	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114588	47.801	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.600%
35) Dibromofluoromethane	8.165	113	82886	45.977	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.960%
50) Toluene-d8	10.565	98	305368	45.409	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.820%
62) 4-Bromofluorobenzene	12.847	95	125752	47.966	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	31324	16.401	ug/l	96
3) Chloromethane	2.359	50	30810	15.757	ug/l	99
4) Vinyl Chloride	2.512	62	33661	16.871	ug/l	94
5) Bromomethane	2.901	94	16211	13.094	ug/l	99
6) Chloroethane	3.077	64	23201	18.587	ug/l	94
7) Trichlorofluoromethane	3.477	101	59791	18.141	ug/l	92
8) Diethyl Ether	3.959	74	20852	17.002	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.353	101	34305	18.878	ug/l	97
10) Methyl Iodide	4.577	142	38274	16.012	ug/l	96
11) Tert butyl alcohol	5.524	59	34467	69.185	ug/l	99
12) 1,1-Dichloroethene	4.330	96	29968	16.052	ug/l	84
13) Acrolein	4.177	56	24842	76.510	ug/l	98
14) Allyl chloride	5.012	41	56347	15.971	ug/l	89
15) Acrylonitrile	5.718	53	87594	85.492	ug/l	97
16) Acetone	4.430	43	97099	103.515	ug/l	92
17) Carbon Disulfide	4.706	76	70549	12.915	ug/l	98
18) Methyl Acetate	5.024	43	57349	20.520	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	119110	17.676	ug/l	97
20) Methylene Chloride	5.265	84	35939	16.648	ug/l	88
21) trans-1,2-Dichloroethene	5.783	96	30385	15.747	ug/l	98
22) Diisopropyl ether	6.671	45	115225	17.375	ug/l	95
23) Vinyl Acetate	6.600	43	600032m	88.274	ug/l	
24) 1,1-Dichloroethane	6.565	63	65571	18.140	ug/l	98
25) 2-Butanone	7.483	43	126405	87.763	ug/l	92
26) 2,2-Dichloropropane	7.488	77	62288	18.555	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	38824	16.674	ug/l	96
28) Bromochloromethane	7.812	49	25766	17.442	ug/l	85
29) Tetrahydrofuran	7.841	42	72814	78.205	ug/l	88
30) Chloroform	7.965	83	70255	18.708	ug/l	97
31) Cyclohexane	8.253	56	55883	15.731	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	62775	17.660	ug/l	94
36) 1,1-Dichloropropene	8.371	75	45575	16.712	ug/l	99
37) Ethyl Acetate	7.565	43	49764	16.298	ug/l #	95
38) Carbon Tetrachloride	8.359	117	53394	17.383	ug/l	96
39) Methylcyclohexane	9.600	83	51386	15.341	ug/l	94
40) Benzene	8.606	78	145011	17.849	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	27325	15.739	ug/l	94
42) 1,2-Dichloroethane	8.665	62	55666	18.810	ug/l	99
43) Isopropyl Acetate	8.688	43	137558	24.725	ug/l #	90
44) Trichloroethene	9.353	130	33063	17.098	ug/l	90
45) 1,2-Dichloropropane	9.624	63	36256	18.801	ug/l	94
46) Dibromomethane	9.706	93	25541	18.504	ug/l	99
47) Bromodichloromethane	9.888	83	55114	17.783	ug/l	99
48) Methyl methacrylate	9.682	41	41031	16.254	ug/l	93
49) 1,4-Dioxane	9.694	88	13903	305.272	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	251170	86.987	ug/l	95
52) Toluene	10.629	92	90349	17.601	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	54810	17.216	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	59131	17.462	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	33999	18.482	ug/l	98
56) Ethyl methacrylate	10.877	69	56500	16.292	ug/l	91
57) 1,3-Dichloropropane	11.165	76	60282	18.385	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	109565	74.744	ug/l	99
59) 2-Hexanone	11.194	43	191699	85.816	ug/l	94
60) Dibromochloromethane	11.359	129	39853	17.919	ug/l	99
61) 1,2-Dibromoethane	11.471	107	33633	17.404	ug/l	98
64) Tetrachloroethene	11.106	164	27443	15.852	ug/l	90
65) Chlorobenzene	11.894	112	96538	16.712	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	35141	17.249	ug/l	98
67) Ethyl Benzene	11.965	91	173167	16.341	ug/l	98
68) m/p-Xylenes	12.071	106	127150	32.031	ug/l	96
69) o-Xylene	12.394	106	63492	16.217	ug/l	100
70) Styrene	12.412	104	107210	16.304	ug/l	98
71) Bromoform	12.576	173	25434	16.479	ug/l #	99
73) Isopropylbenzene	12.694	105	165393	14.514	ug/l	100
74) N-amyl acetate	12.494	43	75790	13.597	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	51658	16.028	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	44961m	15.037	ug/l	
77) Bromobenzene	12.982	156	37993	15.009	ug/l	95
78) n-propylbenzene	13.035	91	191648	14.606	ug/l	99
79) 2-Chlorotoluene	13.123	91	123155	14.804	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	141666	14.849	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	17384	12.646	ug/l	98
82) 4-Chlorotoluene	13.223	91	122692	14.703	ug/l	97
83) tert-Butylbenzene	13.435	119	124746	14.765	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	144903	15.071	ug/l	98
85) sec-Butylbenzene	13.618	105	167557	14.534	ug/l	98
86) p-Isopropyltoluene	13.729	119	140349	14.744	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	72069	15.130	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	72655	15.130	ug/l	96
89) n-Butylbenzene	14.059	91	119443	14.482	ug/l	98
90) Hexachloroethane	14.335	117	26080	14.182	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	71512	15.515	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10947	13.997	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	37399	14.483	ug/l	96
94) Hexachlorobutadiene	15.500	225	16157	14.069	ug/l	99
95) Naphthalene	15.641	128	126161	13.793	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	36433	14.259	ug/l	97

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

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