

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112122\
 Data File : VN075337.D
 Acq On : 21 Nov 2022 11:29
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Nov 22 04:47:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 04:47:05 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/22/2022
 Supervised By : Mahesh Dadoda 11/23/2022

11/22/2022
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	144058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	245410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	220071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102234	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	4178	2.375	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	4.740%#
35) Dibromofluoromethane	8.171	113	4924	3.580	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	7.160%#
50) Toluene-d8	10.565	98	10882	2.153	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	4.300%#
62) 4-Bromofluorobenzene	12.847	95	7939	4.152	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	8.300%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.136	85	5243	2.994	ug/l	99
3) Chloromethane	2.377	50	6753	3.583	ug/l	98
4) Vinyl Chloride	2.530	62	8560	3.229	ug/l	91
5) Bromomethane	2.918	94	8614	1.619	ug/l	97
6) Chloroethane	3.100	64	7830	4.087	ug/l	94
7) Trichlorofluoromethane	3.489	101	13064	4.619	ug/l	92
8) Diethyl Ether	3.971	74	4592	4.441	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.383	101	7040	4.494	ug/l	90
10) Methyl Iodide	4.595	142	11645	4.903	ug/l #	89
11) Tert butyl alcohol	5.524	59	9409	21.712	ug/l #	84
12) 1,1-Dichloroethene	4.347	96	6430	4.290	ug/l	89
13) Acrolein	4.189	56	7718	21.652	ug/l	100
14) Allyl chloride	5.018	41	8619	4.065	ug/l	95
15) Acrylonitrile	5.736	53	18822	20.375	ug/l	96
16) Acetone	4.447	43	18212	22.585	ug/l	98
17) Carbon Disulfide	4.712	76	17077	4.524	ug/l	98
18) Methyl Acetate	5.036	43	11055	4.317	ug/l	97
19) Methyl tert-butyl Ether	5.800	73	23701	4.305	ug/l	96
20) Methylene Chloride	5.277	84	9407	5.253	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	7277	4.417	ug/l	90
22) Diisopropyl ether	6.683	45	20804	4.366	ug/l	96
23) Vinyl Acetate	6.612	43	77479m	19.569	ug/l	
24) 1,1-Dichloroethane	6.571	63	13165	4.345	ug/l #	90
25) 2-Butanone	7.488	43	24732	19.851	ug/l	90
26) 2,2-Dichloropropane	7.488	77	12155	4.365	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	8836	4.500	ug/l	95
28) Bromochloromethane	7.818	49	5220	4.141	ug/l #	86
29) Tetrahydrofuran	7.841	42	14984	18.738	ug/l	96
30) Chloroform	7.965	83	15090	4.588	ug/l	84
31) Cyclohexane	8.259	56	14435	5.149	ug/l #	89
32) 1,1,1-Trichloroethane	8.171	97	13111	4.379	ug/l	92
36) 1,1-Dichloropropene	8.377	75	10376	4.683	ug/l	99
37) Ethyl Acetate	7.571	43	9509	3.968	ug/l	96
38) Carbon Tetrachloride	8.365	117	11391	4.667	ug/l	93
39) Methylcyclohexane	9.606	83	12881	4.432	ug/l #	83
40) Benzene	8.606	78	32698	4.822	ug/l	98

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41) Methacrylonitrile	7.783	41	4617	4.059	ug/l	92
42) 1,2-Dichloroethane	8.677	62	11296	4.642	ug/l	95
43) Isopropyl Acetate	8.694	43	14972	4.058	ug/l	98
44) Trichloroethene	9.353	130	8879	5.132	ug/l	96
45) 1,2-Dichloropropane	9.618	63	8130	5.055	ug/l	92
46) Dibromomethane	9.706	93	5907	4.705	ug/l	97
47) Bromodichloromethane	9.888	83	11163	4.592	ug/l #	93
48) Methyl methacrylate	9.682	41	6892	4.046	ug/l	94
49) 1,4-Dioxane	9.700	88	4020	88.459	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	47842	20.116	ug/l	100
52) Toluene	10.629	92	20659	4.596	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	11165	4.381	ug/l #	88
54) cis-1,3-Dichloropropene	10.312	75	12163	4.483	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	8506	4.769	ug/l	92
56) Ethyl methacrylate	10.876	69	10637	3.937	ug/l	98
57) 1,3-Dichloropropane	11.159	76	13888	4.672	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	20297	19.661	ug/l	97
59) 2-Hexanone	11.200	43	35288	19.535	ug/l	100
60) Dibromochloromethane	11.359	129	8317	4.372	ug/l	97
61) 1,2-Dibromoethane	11.471	107	8832	4.812	ug/l	100
64) Tetrachloroethene	11.106	164	9020	6.437	ug/l	86
65) Chlorobenzene	11.894	112	21994	4.685	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	8545	4.899	ug/l	99
67) Ethyl Benzene	11.965	91	37125	4.428	ug/l	98
68) m/p-Xylenes	12.071	106	31383	9.376	ug/l	93
69) o-Xylene	12.394	106	15447	4.660	ug/l	98
70) Styrene	12.412	104	23955	4.517	ug/l	95
71) Bromoform	12.576	173	5553	4.203	ug/l #	95
73) Isopropylbenzene	12.700	105	38500	4.745	ug/l	99
74) N-amyl acetate	12.494	43	11256	3.808	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	12020	2.321	ug/l	95
76) 1,2,3-Trichloropropane	12.994	75	10757m	5.094	ug/l	
77) Bromobenzene	12.976	156	9104	4.997	ug/l	91
78) n-propylbenzene	13.035	91	41827	4.585	ug/l	97
79) 2-Chlorotoluene	13.123	91	27023	4.872	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	31097	4.564	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	3010	3.659	ug/l #	82
82) 4-Chlorotoluene	13.123	91	27023	4.872	ug/l	98
83) tert-Butylbenzene	13.435	119	29006	4.777	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	31562	4.585	ug/l	100
85) sec-Butylbenzene	13.617	105	37926	4.473	ug/l	98
86) p-Isopropyltoluene	13.729	119	30242	4.310	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	17779	5.024	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	17337	4.947	ug/l	94
89) n-Butylbenzene	14.059	91	25820	4.555	ug/l	98
90) Hexachloroethane	14.335	117	5200	4.059	ug/l	75
91) 1,2-Dichlorobenzene	14.106	146	17740	5.035	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.723	75	1963	3.636	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	7670	4.869	ug/l	98
94) Hexachlorobutadiene	15.494	225	4540	5.791	ug/l	95
95) Naphthalene	15.635	128	23997	4.127	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	7823	5.031	ug/l	94

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

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