

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021624\
 Data File : VN081052.D
 Acq On : 16 Feb 2024 13:18
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/17/2024
 Supervised By : Semsettin Yesilyurt 02/20/2024

Quant Time: Feb 16 23:24:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	376933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	698365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	614596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	257716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	28943	6.265	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	12.520%#		
35) Dibromofluoromethane	8.165	113	22800	5.774	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.540%#		
50) Toluene-d8	10.565	98	86331	6.155	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	12.320%#		
62) 4-Bromofluorobenzene	12.853	95	31051	5.892	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	11.780%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	24610	5.049	ug/l	98
3) Chloromethane	2.365	50	32750	5.100	ug/l	97
4) Vinyl Chloride	2.512	62	28489	5.262	ug/l	90
5) Bromomethane	2.948	94	21666	5.634	ug/l	94
6) Chloroethane	3.118	64	19711	4.003	ug/l	97
7) Trichlorofluoromethane	3.495	101	41784	5.282	ug/l	92
8) Diethyl Ether	3.959	74	14705	5.085	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.377	101	23560	5.343	ug/l #	87
10) Methyl Iodide	4.589	142	24176	4.912	ug/l	97
11) Tert butyl alcohol	5.530	59	24278	28.574	ug/l	97
12) 1,1-Dichloroethene	4.342	96	22683	5.321	ug/l	88
13) Acrolein	4.189	56	17217	37.806	ug/l	92
14) Allyl chloride	5.012	41	31420	4.968	ug/l #	86
15) Acrylonitrile	5.718	53	59105	26.635	ug/l	99
16) Acetone	4.424	43	48602	26.735	ug/l	99
17) Carbon Disulfide	4.706	76	61438	5.167	ug/l	98
18) Methyl Acetate	5.024	43	24862	5.606	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	77863	5.333	ug/l	92
20) Methylene Chloride	5.283	84	26650	4.827	ug/l #	74
21) trans-1,2-Dichloroethene	5.783	96	26303	5.531	ug/l #	77
22) Diisopropyl ether	6.671	45	77500	5.402	ug/l #	94
23) Vinyl Acetate	6.600	43	298247	25.622	ug/l #	95
24) 1,1-Dichloroethane	6.571	63	43456	5.238	ug/l #	92
25) 2-Butanone	7.483	43	78111	26.596	ug/l	96
26) 2,2-Dichloropropane	7.494	77	38879	5.002	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	27870	5.044	ug/l	90
28) Bromochloromethane	7.812	49	19885	5.782	ug/l #	66
29) Tetrahydrofuran	7.841	42	51540	26.289	ug/l #	85
30) Chloroform	7.971	83	46086	5.226	ug/l	99
31) Cyclohexane	8.253	56	46324	5.807	ug/l #	71
32) 1,1,1-Trichloroethane	8.171	97	42107	5.243	ug/l #	84
36) 1,1-Dichloropropene	8.371	75	35495	5.246	ug/l	96
37) Ethyl Acetate	7.559	43	33483	5.484	ug/l #	96
38) Carbon Tetrachloride	8.365	117	35776	5.227	ug/l	94
39) Methylcyclohexane	9.600	83	40472	5.132	ug/l #	86
40) Benzene	8.606	78	98883	5.049	ug/l #	90

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	18351	5.281	ug/l	95
42) 1,2-Dichloroethane	8.671	62	35292	5.166	ug/l	100
43) Isopropyl Acetate	8.688	43	53918	5.049	ug/l #	95
44) Trichloroethene	9.353	130	27364	5.246	ug/l	99
45) 1,2-Dichloropropane	9.618	63	24626	5.027	ug/l #	87
46) Dibromomethane	9.706	93	18564	5.201	ug/l #	90
47) Bromodichloromethane	9.888	83	33838	5.006	ug/l #	95
48) Methyl methacrylate	9.682	41	25353	5.102	ug/l	87
49) 1,4-Dioxane	9.700	88	11295	87.073	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	161816	26.341	ug/l	96
52) Toluene	10.635	92	64578	5.209	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	38119	5.075	ug/l #	82
54) cis-1,3-Dichloropropene	10.312	75	42126	5.190	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	25344	5.315	ug/l	91
56) Ethyl methacrylate	10.871	69	36439	5.000	ug/l	89
57) 1,3-Dichloropropane	11.165	76	41315	5.011	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	100826	27.575	ug/l #	89
59) 2-Hexanone	11.194	43	121262	24.899	ug/l	93
60) Dibromochloromethane	11.359	129	24638	4.864	ug/l	97
61) 1,2-Dibromoethane	11.471	107	24569	4.900	ug/l	87
64) Tetrachloroethene	11.106	164	20840	4.968	ug/l	92
65) Chlorobenzene	11.894	112	67417	5.068	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	23899	5.002	ug/l	97
67) Ethyl Benzene	11.965	91	123132	5.173	ug/l	97
68) m/p-Xylenes	12.071	106	91317	10.009	ug/l	95
69) o-Xylene	12.400	106	46810	5.176	ug/l	92
70) Styrene	12.412	104	72060	5.028	ug/l	94
71) Bromoform	12.576	173	15091	4.979	ug/l #	98
73) Isopropylbenzene	12.694	105	115911	5.141	ug/l	94
74) N-amyl acetate	12.494	43	50746	5.325	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	33193	5.235	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	31893m	5.425	ug/l	
77) Bromobenzene	12.988	156	26832	5.337	ug/l	74
78) n-propylbenzene	13.035	91	134849	5.195	ug/l	96
79) 2-Chlorotoluene	13.129	91	81955	5.147	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	95932	5.247	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.741	75	11062	4.863	ug/l	93
82) 4-Chlorotoluene	13.223	91	83891	5.389	ug/l	98
83) tert-Butylbenzene	13.441	119	86633	5.480	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	96062	5.273	ug/l	93
85) sec-Butylbenzene	13.617	105	114593	5.214	ug/l	94
86) p-Isopropyltoluene	13.729	119	96302	5.276	ug/l	94
87) 1,3-Dichlorobenzene	13.735	146	49933	5.256	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	49495	5.302	ug/l	99
89) n-Butylbenzene	14.059	91	81803	5.144	ug/l	96
90) Hexachloroethane	14.335	117	14711	4.876	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	47819	5.219	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	7233	5.487	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	25118	4.914	ug/l	96
94) Hexachlorobutadiene	15.506	225	9826	5.154	ug/l	98
95) Naphthalene	15.641	128	98184	5.242	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	24426	4.817	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

