

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102622\
 Data File : VN075016.D
 Acq On : 26 Oct 2022 11:01
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 27 06:07:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 06:06:29 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/27/2022
 Supervised By : Mahesh Dadoda 10/31/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	96004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	176742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	154396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	66431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	7038	5.441	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.880%#		
35) Dibromofluoromethane	8.171	113	5369	5.175	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.340%#		
50) Toluene-d8	10.571	98	19668	4.886	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.780%#		
62) 4-Bromofluorobenzene	12.853	95	6490	4.590	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.180%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	5785	4.632	ug/l	90
3) Chloromethane	2.377	50	7103	5.354	ug/l	95
4) Vinyl Chloride	2.524	62	10641	5.623	ug/l	91
5) Bromomethane	2.918	94	9891	6.377	ug/l	90
6) Chloroethane	3.100	64	8105	5.973	ug/l	96
7) Trichlorofluoromethane	3.495	101	10857	5.616	ug/l	90
8) Diethyl Ether	3.971	74	3858	5.471	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	5932	5.556	ug/l	97
10) Methyl Iodide	4.594	142	8876	5.584	ug/l	95
11) Tert butyl alcohol	5.536	59	9198	30.491	ug/l #	82
12) 1,1-Dichloroethene	4.347	96	5594	5.497	ug/l #	80
13) Acrolein	4.189	56	7014	28.427	ug/l	97
14) Allyl chloride	5.030	41	8792	5.915	ug/l	97
15) Acrylonitrile	5.730	53	17368	27.255	ug/l	98
16) Acetone	4.442	43	16205	29.586	ug/l	98
17) Carbon Disulfide	4.718	76	13916	5.438	ug/l	97
18) Methyl Acetate	5.047	43	9687	5.414	ug/l	95
19) Methyl tert-butyl Ether	5.806	73	20377	5.387	ug/l	100
20) Methylene Chloride	5.283	84	7069	5.788	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	6124	5.496	ug/l #	81
22) Diisopropyl ether	6.683	45	17371	5.296	ug/l	96
23) Vinyl Acetate	6.618	43	72237m	28.353	ug/l	
24) 1,1-Dichloroethane	6.583	63	11657	5.619	ug/l	95
25) 2-Butanone	7.494	43	23406	27.169	ug/l	100
26) 2,2-Dichloropropane	7.494	77	10774	5.646	ug/l	93
27) cis-1,2-Dichloroethene	7.494	96	7084	5.324	ug/l	91
28) Bromochloromethane	7.824	49	4419	5.053	ug/l #	93
29) Tetrahydrofuran	7.847	42	14464	25.982	ug/l	99
30) Chloroform	7.977	83	12465	5.534	ug/l	94
31) Cyclohexane	8.259	56	12045	6.261	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	10879	5.319	ug/l	94
36) 1,1-Dichloropropene	8.377	75	8313	5.175	ug/l	99
37) Ethyl Acetate	7.577	43	10654	6.048	ug/l #	84
38) Carbon Tetrachloride	8.365	117	9045	5.119	ug/l	86
39) Methylcyclohexane	9.606	83	11033	5.203	ug/l	94
40) Benzene	8.612	78	26394	5.366	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	4570	5.415	ug/l	95
42) 1,2-Dichloroethane	8.677	62	9958	5.565	ug/l	98
43) Isopropyl Acetate	8.694	43	14613	5.348	ug/l	99
44) Trichloroethene	9.359	130	6875	5.572	ug/l	99
45) 1,2-Dichloropropane	9.618	63	6088	5.201	ug/l	93
46) Dibromomethane	9.706	93	5001	5.484	ug/l	94
47) Bromodichloromethane	9.888	83	9878	5.594	ug/l	99
48) Methyl methacrylate	9.688	41	6738	5.376	ug/l	93
49) 1,4-Dioxane	9.694	88	3345	101.910	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	46721	26.496	ug/l	96
52) Toluene	10.635	92	16612	5.053	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	8865	4.756	ug/l	89
54) cis-1,3-Dichloropropene	10.312	75	9998	5.057	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	7023	5.387	ug/l	94
56) Ethyl methacrylate	10.876	69	9495	4.775	ug/l	90
57) 1,3-Dichloropropane	11.165	76	11469	5.283	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	17113	22.261	ug/l	98
59) 2-Hexanone	11.200	43	35038	26.181	ug/l	96
60) Dibromochloromethane	11.365	129	6561	4.770	ug/l	97
61) 1,2-Dibromoethane	11.470	107	6752	5.054	ug/l	97
64) Tetrachloroethene	11.106	164	5290	5.589	ug/l	89
65) Chlorobenzene	11.894	112	17751	5.386	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	6572	5.376	ug/l	96
67) Ethyl Benzene	11.965	91	30175	5.089	ug/l	99
68) m/p-Xylenes	12.076	106	23539	9.894	ug/l	95
69) o-Xylene	12.400	106	11933	5.072	ug/l	99
70) Styrene	12.417	104	17465	4.655	ug/l	96
71) Bromoform	12.582	173	4113	4.494	ug/l #	100
73) Isopropylbenzene	12.700	105	30042	5.633	ug/l	96
74) N-amyl acetate	12.494	43	11541	5.851	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	10699	6.150	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	8301m	5.282	ug/l	
77) Bromobenzene	12.982	156	6703	5.708	ug/l	94
78) n-propylbenzene	13.041	91	32532	5.433	ug/l	99
79) 2-Chlorotoluene	13.129	91	20904	5.713	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	24238	5.411	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	2835	5.159	ug/l	90
82) 4-Chlorotoluene	13.129	91	20904	5.713	ug/l	98
83) tert-Butylbenzene	13.441	119	21927	5.509	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	24223	5.345	ug/l	97
85) sec-Butylbenzene	13.617	105	29232	5.250	ug/l	97
86) p-Isopropyltoluene	13.729	119	22353	4.861	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	12255	5.330	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	12361	5.432	ug/l	95
89) n-Butylbenzene	14.059	91	18066	4.879	ug/l	99
90) Hexachloroethane	14.335	117	4546	5.392	ug/l	99
91) 1,2-Dichlorobenzene	14.111	146	12480	5.460	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	2045	5.685	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	4953	5.036	ug/l	98
94) Hexachlorobutadiene	15.506	225	2807	5.854	ug/l	91
95) Naphthalene	15.641	128	19009	5.025	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	4843	4.955	ug/l	93

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

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