

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051523\
 Data File : VN077678.D
 Acq On : 15 May 2023 18:49
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: May 16 02:49:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 02:47:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/16/2023
 Supervised By : Mahesh Dadoda 05/16/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	388917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	730835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	623158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	258885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	32123	5.520	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.040%#		
35) Dibromofluoromethane	8.171	113	25281	5.305	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.600%#		
50) Toluene-d8	10.577	98	94366	5.144	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.280%#		
62) 4-Bromofluorobenzene	12.853	95	34807	5.373	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.740%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	21134	4.775	ug/l	91
3) Chloromethane	2.365	50	28882	4.525	ug/l	90
4) Vinyl Chloride	2.518	62	27797	4.981	ug/l	91
5) Bromomethane	2.954	94	24065m	5.825	ug/l	
6) Chloroethane	3.118	64	20437m	5.066	ug/l	
7) Trichlorofluoromethane	3.501	101	40883	5.257	ug/l	89
8) Diethyl Ether	3.977	74	14398	5.071	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.383	101	23807m	5.532	ug/l	
10) Methyl Iodide	4.589	142	24066	4.689	ug/l	92
11) Tert butyl alcohol	5.530	59	21748	27.080	ug/l #	89
12) 1,1-Dichloroethene	4.348	96	21847	5.341	ug/l	96
13) Acrolein	4.183	56	18754	9.947	ug/l	94
14) Allyl chloride	5.036	41	30287	5.027	ug/l #	91
15) Acrylonitrile	5.730	53	55402	25.821	ug/l	96
16) Acetone	4.436	43	48696	26.425	ug/l #	84
17) Carbon Disulfide	4.712	76	57144	5.185	ug/l	96
18) Methyl Acetate	5.042	43	39261	5.112	ug/l #	88
19) Methyl tert-butyl Ether	5.806	73	75036	5.068	ug/l #	90
20) Methylene Chloride	5.277	84	29213	4.326	ug/l	91
21) trans-1,2-Dichloroethene	5.795	96	24406	5.312	ug/l	89
22) Diisopropyl ether	6.677	45	73503	5.218	ug/l	90
23) Vinyl Acetate	6.612	43	251509	28.820	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	43830	5.079	ug/l #	93
25) 2-Butanone	7.494	43	75774	26.458	ug/l #	79
26) 2,2-Dichloropropane	7.500	77	38154	5.204	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	28607	5.192	ug/l	88
28) Bromochloromethane	7.824	49	18897	5.064	ug/l #	79
29) Tetrahydrofuran	7.847	42	47424	25.289	ug/l #	84
30) Chloroform	7.971	83	48320	5.090	ug/l	87
31) Cyclohexane	8.259	56	47407	5.994	ug/l	87
32) 1,1,1-Trichloroethane	8.177	97	40412	5.007	ug/l	95
36) 1,1-Dichloropropene	8.377	75	34305	4.921	ug/l	97
37) Ethyl Acetate	7.565	43	30851	4.966	ug/l	97
38) Carbon Tetrachloride	8.365	117	34426	4.891	ug/l	93
39) Methylcyclohexane	9.606	83	41032	4.808	ug/l	88
40) Benzene	8.612	78	105452	5.127	ug/l	99

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 Quant Title : SW846 8260
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Manual Integrations
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Reviewed By : John Carlone 05/16/2023
 Supervised By : Mahesh Dadoda 05/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	17654	5.336	ug/l	85
42) 1,2-Dichloroethane	8.677	62	37594	5.031	ug/l	98
43) Isopropyl Acetate	8.694	43	50027	4.930	ug/l #	95
44) Trichloroethene	9.353	130	27016	5.187	ug/l	97
45) 1,2-Dichloropropane	9.630	63	26099	4.974	ug/l	96
46) Dibromomethane	9.712	93	18481	4.922	ug/l	97
47) Bromodichloromethane	9.888	83	35195	4.896	ug/l	93
48) Methyl methacrylate	9.688	41	22923	4.764	ug/l	94
49) 1,4-Dioxane	9.700	88	10290	113.220	ug/l #	91
51) 4-Methyl-2-Pentanone	10.453	43	151261	25.076	ug/l	94
52) Toluene	10.635	92	64065	5.003	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	36011	4.731	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	39018	4.652	ug/l #	92
55) 1,1,2-Trichloroethane	11.024	97	26107	5.134	ug/l	95
56) Ethyl methacrylate	10.877	69	36404	4.735	ug/l #	84
57) 1,3-Dichloropropane	11.171	76	43404	4.979	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	91992	24.322	ug/l	93
59) 2-Hexanone	11.200	43	112281	25.165	ug/l	93
60) Dibromochloromethane	11.365	129	24577	4.682	ug/l	99
61) 1,2-Dibromoethane	11.471	107	25024	4.933	ug/l	99
64) Tetrachloroethene	11.112	164	22480	5.158	ug/l	93
65) Chlorobenzene	11.894	112	67949	5.030	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.971	131	22893	4.898	ug/l	97
67) Ethyl Benzene	11.971	91	126966	5.245	ug/l	99
68) m/p-Xylenes	12.076	106	95572	10.419	ug/l	100
69) o-Xylene	12.406	106	45394	5.032	ug/l	97
70) Styrene	12.418	104	72608	5.067	ug/l	95
71) Bromoform	12.582	173	14591	4.692	ug/l #	97
73) Isopropylbenzene	12.706	105	114230	5.119	ug/l	100
74) N-amyl acetate	12.500	43	41270	5.003	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.947	83	35719	5.203	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	32955m	5.271	ug/l	
77) Bromobenzene	12.982	156	26246	5.154	ug/l	92
78) n-propylbenzene	13.041	91	134675	5.119	ug/l	98
79) 2-Chlorotoluene	13.129	91	81030	5.161	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	95889	5.113	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	9115	4.494	ug/l #	76
82) 4-Chlorotoluene	13.229	91	82171	5.261	ug/l	96
83) tert-Butylbenzene	13.447	119	87369	5.336	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	97203	5.270	ug/l	100
85) sec-Butylbenzene	13.623	105	118707	5.101	ug/l	97
86) p-Isopropyltoluene	13.735	119	92133	4.966	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	48465	5.146	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	47940	5.130	ug/l	90
89) n-Butylbenzene	14.065	91	87490	5.127	ug/l	94
90) Hexachloroethane	14.341	117	14851	4.873	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	47728	5.425	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	6633	4.990	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	25190	4.899	ug/l	91
94) Hexachlorobutadiene	15.506	225	9868	4.623	ug/l	92
95) Naphthalene	15.647	128	96772	5.468	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	26072	5.179	ug/l	96

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VSTDICC005

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Quant Title : SW846 8260
QLast Update : Tue May 16 02:47:47 2023
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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

