

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032523\
 Data File : VN077187.D
 Acq On : 24 Mar 2023 20:54
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Mar 27 02:26:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 27 02:24:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2023
 Supervised By :Mahesh Dadoda 03/27/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	394986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	703448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	620803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	247459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	32680	5.292	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.580%#		
35) Dibromofluoromethane	8.172	113	25134	5.266	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.540%#		
50) Toluene-d8	10.572	98	89335	4.995	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.980%#		
62) 4-Bromofluorobenzene	12.854	95	27285	4.648	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.300%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	24267	5.890	ug/l	91
3) Chloromethane	2.372	50	31889	5.517	ug/l	95
4) Vinyl Chloride	2.525	62	35278	5.403	ug/l	99
5) Bromomethane	2.943	94	28532m	5.475	ug/l	
6) Chloroethane	3.125	64	28245	4.990	ug/l	91
7) Trichlorofluoromethane	3.507	101	50033	4.998	ug/l	96
8) Diethyl Ether	3.978	74	15048	4.567	ug/l #	49
9) 1,1,2-Trichlorotrifluo...	4.384	101	24529	5.725	ug/l	96
10) Methyl Iodide	4.601	142	21453	4.438	ug/l #	93
11) Tert butyl alcohol	5.537	59	23152	27.507	ug/l	97
12) 1,1-Dichloroethene	4.354	96	21548	5.287	ug/l #	76
13) Acrolein	4.190	56	31261	26.480	ug/l	99
14) Allyl chloride	5.031	41	41887	5.471	ug/l #	76
15) Acrylonitrile	5.731	53	71080	27.088	ug/l	99
16) Acetone	4.448	43	63825	27.795	ug/l #	87
17) Carbon Disulfide	4.725	76	59906	5.253	ug/l #	91
18) Methyl Acetate	5.048	43	51061	5.558	ug/l #	79
19) Methyl tert-butyl Ether	5.801	73	71642	4.945	ug/l #	91
20) Methylene Chloride	5.290	84	29823	5.832	ug/l	84
21) trans-1,2-Dichloroethene	5.795	96	24640	5.509	ug/l #	86
22) Diisopropyl ether	6.678	45	82634	5.007	ug/l #	88
23) Vinyl Acetate	6.613	43	255937	24.032	ug/l #	89
24) 1,1-Dichloroethane	6.578	63	50142	5.434	ug/l	94
25) 2-Butanone	7.495	43	92223	25.685	ug/l #	80
26) 2,2-Dichloropropane	7.501	77	33956	5.337	ug/l	96
27) cis-1,2-Dichloroethene	7.495	96	26836	5.202	ug/l	85
28) Bromochloromethane	7.819	49	23121	4.914	ug/l #	74
29) Tetrahydrofuran	7.854	42	59936	25.199	ug/l #	72
30) Chloroform	7.978	83	48974	5.389	ug/l	98
31) Cyclohexane	8.260	56	51804	6.038	ug/l #	81
32) 1,1,1-Trichloroethane	8.178	97	40081	5.137	ug/l #	84
36) 1,1-Dichloropropene	8.372	75	33945	5.110	ug/l	91
37) Ethyl Acetate	7.566	43	39086	5.278	ug/l #	91
38) Carbon Tetrachloride	8.366	117	34849	5.174	ug/l	92
39) Methylcyclohexane	9.601	83	36842	4.748	ug/l #	80
40) Benzene	8.613	78	105076	5.161	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	21177	5.233	ug/l #	78
42) 1,2-Dichloroethane	8.678	62	41887	5.456	ug/l	92
43) Isopropyl Acetate	8.695	43	57364	4.802	ug/l #	83
44) Trichloroethene	9.354	130	23543	5.047	ug/l	98
45) 1,2-Dichloropropane	9.625	63	28561	5.275	ug/l #	84
46) Dibromomethane	9.713	93	18839	5.323	ug/l	99
47) Bromodichloromethane	9.889	83	35436	5.035	ug/l #	93
48) Methyl methacrylate	9.683	41	27152	4.720	ug/l #	75
49) 1,4-Dioxane	9.695	88	10540	107.472	ug/l #	77
51) 4-Methyl-2-Pentanone	10.448	43	183895	24.465	ug/l #	84
52) Toluene	10.630	92	60397	4.864	ug/l	97
53) t-1,3-Dichloropropene	10.836	75	33754	4.726	ug/l #	86
54) cis-1,3-Dichloropropene	10.313	75	37123	4.749	ug/l #	78
55) 1,1,2-Trichloroethane	11.019	97	25094	5.148	ug/l	90
56) Ethyl methacrylate	10.877	69	31394	4.363	ug/l #	58
57) 1,3-Dichloropropane	11.160	76	44731	5.148	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.166	63	63537	22.637	ug/l #	88
59) 2-Hexanone	11.201	43	131795	24.398	ug/l	78
60) Dibromochloromethane	11.366	129	23982	4.789	ug/l	98
61) 1,2-Dibromoethane	11.471	107	24564	5.071	ug/l	97
64) Tetrachloroethene	11.107	164	19766	5.133	ug/l	94
65) Chlorobenzene	11.895	112	64350	5.145	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.966	131	23323	5.104	ug/l	99
67) Ethyl Benzene	11.966	91	112369	4.938	ug/l	99
68) m/p-Xylenes	12.071	106	80867	9.344	ug/l	89
69) o-Xylene	12.401	106	38778	4.627	ug/l	90
70) Styrene	12.413	104	59547	4.399	ug/l	94
71) Bromoform	12.577	173	16214	4.790	ug/l #	99
73) Isopropylbenzene	12.695	105	99243	5.097	ug/l	97
74) N-amyl acetate	12.495	43	42123	4.965	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.942	83	39440	6.065	ug/l	96
76) 1,2,3-Trichloropropane	13.001	75	22257m	4.163	ug/l	
77) Bromobenzene	12.983	156	24221	5.404	ug/l	89
78) n-propylbenzene	13.036	91	111247	4.954	ug/l	94
79) 2-Chlorotoluene	13.130	91	73296	5.308	ug/l	95
80) 1,3,5-Trimethylbenzene	13.177	105	78912	4.867	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.736	75	8015	4.602	ug/l #	58
82) 4-Chlorotoluene	13.224	91	66575	5.080	ug/l	95
83) tert-Butylbenzene	13.436	119	68320	4.982	ug/l	91
84) 1,2,4-Trimethylbenzene	13.489	105	74769	4.693	ug/l	98
85) sec-Butylbenzene	13.618	105	92793	4.744	ug/l	98
86) p-Isopropyltoluene	13.736	119	70529	4.502	ug/l	95
87) 1,3-Dichlorobenzene	13.736	146	42265	5.224	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	42899	5.302	ug/l	94
89) n-Butylbenzene	14.060	91	54523	4.246	ug/l	96
90) Hexachloroethane	14.336	117	14554	4.986	ug/l	89
91) 1,2-Dichlorobenzene	14.107	146	43629	5.407	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	5982	5.198	ug/l	81
93) 1,2,4-Trichlorobenzene	15.401	180	11970	7.156	ug/l	97
94) Hexachlorobutadiene	15.501	225	11424	5.581	ug/l	96
95) Naphthalene	15.642	128	27495	7.744	ug/l	99
96) 1,2,3-Trichlorobenzene	15.848	180	10679	7.151	ug/l	94

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

