

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032523\
 Data File : VN077195.D
 Acq On : 25 Mar 2023 00:31
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN032523

Quant Time: Mar 27 02:28:27 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	8.231	168	432392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	782020	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	692643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	313379	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	344487	50.955	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.900%			
35) Dibromofluoromethane	8.172	113	260963	49.179	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.360%			
50) Toluene-d8	10.572	98	973093	48.940	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.880%			
62) 4-Bromofluorobenzene	12.848	95	333469	51.102	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	217184	48.151	ug/l	97
3) Chloromethane	2.378	50	316943	50.089	ug/l	94
4) Vinyl Chloride	2.525	62	330953	46.306	ug/l	100
5) Bromomethane	2.954	94	273869	48.005	ug/l	91
6) Chloroethane	3.125	64	345403	55.742	ug/l	99
7) Trichlorofluoromethane	3.507	101	466473	42.564	ug/l	97
8) Diethyl Ether	3.972	74	172470	47.812	ug/l	61
9) 1,1,2-Trichlorotrifluo...	4.384	101	218968	46.682	ug/l	98
10) Methyl Iodide	4.601	142	277523	52.441	ug/l	98
11) Tert butyl alcohol	5.537	59	242797	263.509	ug/l	100
12) 1,1-Dichloroethene	4.354	96	227955	51.093	ug/l	89
13) Acrolein	4.190	56	333016	257.684	ug/l	97
14) Allyl chloride	5.037	41	408446	48.729	ug/l #	85
15) Acrylonitrile	5.725	53	769336	267.829	ug/l	99
16) Acetone	4.437	43	652912	259.735	ug/l	90
17) Carbon Disulfide	4.725	76	639258	51.205	ug/l	96
18) Methyl Acetate	5.037	43	529342	52.635	ug/l #	81
19) Methyl tert-butyl Ether	5.807	73	870685	54.900	ug/l	94
20) Methylene Chloride	5.284	84	281966	50.372	ug/l #	77
21) trans-1,2-Dichloroethene	5.801	96	247848	50.622	ug/l #	80
22) Diisopropyl ether	6.684	45	990800	54.841	ug/l #	89
23) Vinyl Acetate	6.613	43	3280186	281.363	ug/l #	87
24) 1,1-Dichloroethane	6.578	63	520372	51.519	ug/l	97
25) 2-Butanone	7.489	43	1055061	268.429	ug/l #	81
26) 2,2-Dichloropropane	7.501	77	344009	49.387	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	297444	52.666	ug/l	85
28) Bromochloromethane	7.819	49	264145	51.283	ug/l #	72
29) Tetrahydrofuran	7.842	42	706030	271.157	ug/l #	74
30) Chloroform	7.972	83	515090	51.775	ug/l	97
31) Cyclohexane	8.260	56	427050	45.471	ug/l #	80
32) 1,1,1-Trichloroethane	8.178	97	438914	51.388	ug/l	94
36) 1,1-Dichloropropene	8.378	75	366045	49.564	ug/l	96
37) Ethyl Acetate	7.566	43	437517	53.149	ug/l #	88
38) Carbon Tetrachloride	8.366	117	364150	48.630	ug/l	99
39) Methylcyclohexane	9.607	83	408743	47.387	ug/l #	86
40) Benzene	8.613	78	1135134	50.152	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	245131	54.483	ug/l #	79
42) 1,2-Dichloroethane	8.678	62	427899	50.141	ug/l	93
43) Isopropyl Acetate	8.695	43	707015	53.237	ug/l #	86
44) Trichloroethene	9.360	130	257232	49.603	ug/l	94
45) 1,2-Dichloropropane	9.625	63	302332	50.225	ug/l	95
46) Dibromomethane	9.713	93	196482	49.941	ug/l	98
47) Bromodichloromethane	9.889	83	402616	51.455	ug/l	98
48) Methyl methacrylate	9.683	41	343332	53.684	ug/l #	76
49) 1,4-Dioxane	9.695	88	109869	1007.726	ug/l #	83
51) 4-Methyl-2-Pentanone	10.448	43	2201415	263.450	ug/l #	86
52) Toluene	10.630	92	693947	50.273	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	423973	53.396	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	457747	52.678	ug/l #	84
55) 1,1,2-Trichloroethane	11.019	97	276358	51.001	ug/l	95
56) Ethyl methacrylate	10.877	69	453721	56.722	ug/l #	70
57) 1,3-Dichloropropane	11.166	76	488675	50.587	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	843626	270.367	ug/l	90
59) 2-Hexanone	11.195	43	1582915	263.585	ug/l	83
60) Dibromochloromethane	11.360	129	293436	52.714	ug/l	98
61) 1,2-Dibromoethane	11.472	107	282141	52.392	ug/l	99
64) Tetrachloroethene	11.107	164	211455	49.214	ug/l	95
65) Chlorobenzene	11.895	112	705931	50.585	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	267986	52.563	ug/l	99
67) Ethyl Benzene	11.966	91	1293381	50.945	ug/l	99
68) m/p-Xylenes	12.072	106	989977	102.521	ug/l	96
69) o-Xylene	12.401	106	495980	53.041	ug/l	94
70) Styrene	12.413	104	805705	53.342	ug/l	96
71) Bromoform	12.583	173	209454	55.464	ug/l #	98
73) Isopropylbenzene	12.701	105	1245252	50.504	ug/l	97
74) N-amyl acetate	12.495	43	595915	55.464	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.942	83	419338	50.916	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	359712m	53.134	ug/l	
77) Bromobenzene	12.983	156	287780	50.699	ug/l	91
78) n-propylbenzene	13.036	91	1428769	50.246	ug/l	96
79) 2-Chlorotoluene	13.130	91	860750	49.225	ug/l	95
80) 1,3,5-Trimethylbenzene	13.177	105	1040774	50.688	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.736	75	124796	56.579	ug/l	85
82) 4-Chlorotoluene	13.224	91	843048	50.794	ug/l	94
83) tert-Butylbenzene	13.442	119	878181	50.568	ug/l	95
84) 1,2,4-Trimethylbenzene	13.483	105	1039522	51.517	ug/l	98
85) sec-Butylbenzene	13.618	105	1232366	49.754	ug/l	98
86) p-Isopropyltoluene	13.730	119	1026634	51.752	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	519583	50.715	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	515376	50.296	ug/l	99
89) n-Butylbenzene	14.060	91	844306	51.914	ug/l	98
90) Hexachloroethane	14.336	117	189102	51.153	ug/l	92
91) 1,2-Dichlorobenzene	14.107	146	518247	50.715	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	80801	55.445	ug/l	86
93) 1,2,4-Trichlorobenzene	15.395	180	243273	48.986	ug/l	98
94) Hexachlorobutadiene	15.507	225	126822	48.925	ug/l	99
95) Naphthalene	15.642	128	861403	51.145	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	237489	48.599	ug/l	98

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

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