

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100623\
 Data File : VD077282.D
 Acq On : 05 Oct 2023 18:42
 Operator : JC/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100623

Quant Time: Oct 06 08:15:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 08:09:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
 Supervised By :Semsettin Yesilyurt 10/09/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	180467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	313049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	309240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	162934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	133137	60.802	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.600%			
35) Dibromofluoromethane	7.805	113	145398	55.546	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.100%			
50) Toluene-d8	10.269	98	556108	59.804	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 119.600%			
62) 4-Bromofluorobenzene	12.575	95	172246	59.550	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 119.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	94777	40.748	ug/l	93
3) Chloromethane	2.146	50	171182	47.220	ug/l	98
4) Vinyl Chloride	2.281	62	192584	43.406	ug/l	99
5) Bromomethane	2.681	94	146519	46.744	ug/l	98
6) Chloroethane	2.828	64	136721	51.754	ug/l	96
7) Trichlorofluoromethane	3.170	101	201736	48.657	ug/l	99
8) Diethyl Ether	3.593	74	71151	52.863	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.964	101	121700	43.370	ug/l	97
10) Methyl Iodide	4.158	142	178203	51.545	ug/l	91
11) Tert butyl alcohol	5.058	59	38629	258.701	ug/l	100
12) 1,1-Dichloroethene	3.934	96	130290	47.570	ug/l	92
13) Acrolein	3.799	56	77133	294.197	ug/l	97
14) Allyl chloride	4.558	41	178252	50.157	ug/l	92
15) Acrylonitrile	5.252	53	171054	275.561	ug/l	99
16) Acetone	4.017	43	152824	274.516	ug/l #	86
17) Carbon Disulfide	4.264	76	429575	46.527	ug/l	98
18) Methyl Acetate	4.564	43	119380	53.635	ug/l	89
19) Methyl tert-butyl Ether	5.316	73	313290	55.128	ug/l	100
20) Methylene Chloride	4.793	84	202733	58.061	ug/l #	89
21) trans-1,2-Dichloroethene	5.311	96	154459	47.767	ug/l	91
22) Diisopropyl ether	6.216	45	417620	55.291	ug/l	96
23) Vinyl Acetate	6.152	43	867789m	280.953	ug/l	
24) 1,1-Dichloroethane	6.111	63	266431	49.559	ug/l	98
25) 2-Butanone	7.081	43	207322	272.902	ug/l #	86
26) 2,2-Dichloropropane	7.081	77	211730	46.149	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	174186	50.251	ug/l	93
28) Bromochloromethane	7.422	49	82788	52.921	ug/l #	77
29) Tetrahydrofuran	7.440	42	124823	287.008	ug/l	87
30) Chloroform	7.593	83	278850	49.901	ug/l	99
31) Cyclohexane	7.875	56	203015	45.603	ug/l	88
32) 1,1,1-Trichloroethane	7.793	97	223474	46.786	ug/l	97
36) 1,1-Dichloropropene	8.010	75	200621	45.978	ug/l	97
37) Ethyl Acetate	7.169	43	88907	51.176	ug/l	96
38) Carbon Tetrachloride	7.993	117	182498	45.194	ug/l	98
39) Methylcyclohexane	9.269	83	223818	44.802	ug/l	93
40) Benzene	8.246	78	624675	48.057	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	54809	61.549	ug/l #	86
42) 1,2-Dichloroethane	8.322	62	156985	50.946	ug/l	96
43) Isopropyl Acetate	8.363	43	162283	52.953	ug/l	92
44) Trichloroethene	9.028	130	153377	46.098	ug/l	90
45) 1,2-Dichloropropane	9.304	63	160527	50.197	ug/l	100
46) Dibromomethane	9.393	93	88919	49.857	ug/l	91
47) Bromodichloromethane	9.581	83	207919	50.293	ug/l	98
48) Methyl methacrylate	9.381	41	75582	53.239	ug/l	84
49) 1,4-Dioxane	9.381	88	20455	1152.078	ug/l	87
51) 4-Methyl-2-Pentanone	10.157	43	430932	270.974	ug/l	93
52) Toluene	10.334	92	394666	49.522	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	206082	52.120	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	241610	50.908	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	122240	50.245	ug/l	95
56) Ethyl methacrylate	10.599	69	146956	55.391	ug/l	89
57) 1,3-Dichloropropane	10.881	76	204739	51.485	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	341841	272.213	ug/l	94
59) 2-Hexanone	10.922	43	315529	277.100	ug/l	90
60) Dibromochloromethane	11.075	129	142834	51.290	ug/l	97
61) 1,2-Dibromoethane	11.181	107	114153	50.436	ug/l	99
64) Tetrachloroethene	10.810	164	126526	44.631	ug/l	91
65) Chlorobenzene	11.604	112	409388	46.976	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	144975	47.201	ug/l	98
67) Ethyl Benzene	11.681	91	743724	47.914	ug/l	95
68) m/p-Xylenes	11.793	106	578463	95.887	ug/l	89
69) o-Xylene	12.122	106	271237	49.482	ug/l	91
70) Styrene	12.134	104	485977	51.609	ug/l	97
71) Bromoform	12.298	173	82056	48.100	ug/l #	99
73) Isopropylbenzene	12.422	105	681018	46.198	ug/l	96
74) N-amyl acetate	12.234	43	160257	52.936	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	144635	49.377	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	73524m	44.671	ug/l	
77) Bromobenzene	12.698	156	164415	47.786	ug/l	87
78) n-propylbenzene	12.763	91	875687	47.314	ug/l	95
79) 2-Chlorotoluene	12.851	91	471893	47.380	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	584170	47.949	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	46116	48.540	ug/l	95
82) 4-Chlorotoluene	12.945	91	499984	47.662	ug/l	95
83) tert-Butylbenzene	13.169	119	486839	46.878	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	603006	49.508	ug/l	94
85) sec-Butylbenzene	13.345	105	738364	46.366	ug/l	96
86) p-Isopropyltoluene	13.457	119	620501	46.906	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	339726	47.564	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	336010	47.552	ug/l	98
89) n-Butylbenzene	13.787	91	591910	46.445	ug/l	98
90) Hexachloroethane	14.051	117	116644	44.039	ug/l	90
91) 1,2-Dichlorobenzene	13.828	146	294618	48.333	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	20186	53.217	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	179135	48.909	ug/l	98
94) Hexachlorobutadiene	15.204	225	84532	43.800	ug/l	99
95) Naphthalene	15.334	128	363565	51.587	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	159521	48.959	ug/l	99

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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

