

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101723\
 Data File : VD077340.D
 Acq On : 17 Oct 2023 14:36
 Operator : JC/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
 Supervised By :Mahesh Dadoda 10/20/2023

Quant Time: Oct 18 02:44:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 02:44:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	168850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	280092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	260689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	126398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	9074	6.018	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	12.040%#		
35) Dibromofluoromethane	7.804	113	11214	5.699	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	11.400%#		
50) Toluene-d8	10.269	98	36018	5.111	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	10.220%#		
62) 4-Bromofluorobenzene	12.575	95	10328	5.091	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	10.180%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	8377	5.336	ug/l	87
3) Chloromethane	2.152	50	17717	5.542	ug/l	92
4) Vinyl Chloride	2.287	62	20407	5.404	ug/l	99
5) Bromomethane	2.699	94	13099	5.398	ug/l	99
6) Chloroethane	2.840	64	14786	5.570	ug/l	94
7) Trichlorofluoromethane	3.181	101	21589	5.636	ug/l	90
8) Diethyl Ether	3.605	74	4264	4.153	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.969	101	9785	4.938	ug/l	93
10) Methyl Iodide	4.164	142	11220	4.627	ug/l #	88
11) Tert butyl alcohol	5.046	59	2623	30.926	ug/l #	73
12) 1,1-Dichloroethene	3.946	96	9026	4.643	ug/l	82
13) Acrolein	3.799	56	3644	24.750	ug/l	100
14) Allyl chloride	4.563	41	8524	4.621	ug/l	94
15) Acrylonitrile	5.258	53	7765	24.958	ug/l	95
16) Acetone	4.028	43	7154	21.638	ug/l	96
17) Carbon Disulfide	4.275	76	28069	4.911	ug/l	96
18) Methyl Acetate	4.575	43	5436	4.724	ug/l	97
19) Methyl tert-butyl Ether	5.322	73	14987	4.526	ug/l #	90
20) Methylene Chloride	4.799	84	15639	3.366	ug/l #	85
21) trans-1,2-Dichloroethene	5.316	96	10094	4.992	ug/l	97
22) Diisopropyl ether	6.216	45	15223	4.204	ug/l #	89
23) Vinyl Acetate	6.158	43	38793	22.860	ug/l #	87
24) 1,1-Dichloroethane	6.105	63	16046	5.330	ug/l	96
25) 2-Butanone	7.087	43	8708	25.390	ug/l #	87
26) 2,2-Dichloropropane	7.075	77	14008	5.103	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	10991	4.848	ug/l	99
28) Bromochloromethane	7.428	49	6020	5.474	ug/l #	96
29) Tetrahydrofuran	7.452	42	4665	23.579	ug/l #	85
30) Chloroform	7.599	83	17983	5.206	ug/l	95
31) Cyclohexane	7.875	56	13338	5.686	ug/l #	85
32) 1,1,1-Trichloroethane	7.793	97	15103	5.068	ug/l	98
36) 1,1-Dichloropropene	8.010	75	12488	4.830	ug/l	99
37) Ethyl Acetate	7.169	43	4350	5.356	ug/l #	67
38) Carbon Tetrachloride	7.993	117	14502	5.042	ug/l	97
39) Methylcyclohexane	9.275	83	15331	4.880	ug/l #	91
40) Benzene	8.257	78	37978	4.840	ug/l	91

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41) Methacrylonitrile	7.399	41	1715	4.425	ug/l #	75
42) 1,2-Dichloroethane	8.328	62	9366	5.068	ug/l	94
43) Isopropyl Acetate	8.357	43	6789	4.643	ug/l #	56
44) Trichloroethene	9.028	130	11575	5.046	ug/l	97
45) 1,2-Dichloropropane	9.310	63	8801	4.866	ug/l	93
46) Dibromomethane	9.399	93	5555	4.912	ug/l	98
47) Bromodichloromethane	9.587	83	13202	4.896	ug/l #	94
48) Methyl methacrylate	9.381	41	2796	4.227	ug/l	97
49) 1,4-Dioxane	9.375	88	614	90.118	ug/l #	28
51) 4-Methyl-2-Pentanone	10.157	43	14983	20.442	ug/l	98
52) Toluene	10.334	92	23286	4.545	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	10371	4.285	ug/l #	78
54) cis-1,3-Dichloropropene	10.016	75	13646	4.608	ug/l	91
55) 1,1,2-Trichloroethane	10.734	97	7698	4.915	ug/l	94
56) Ethyl methacrylate	10.598	69	6274	4.192	ug/l	96
57) 1,3-Dichloropropane	10.881	76	11898	4.945	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	15272	20.632	ug/l	91
59) 2-Hexanone	10.928	43	10901	20.708	ug/l	92
60) Dibromochloromethane	11.075	129	9916	4.958	ug/l	99
61) 1,2-Dibromoethane	11.181	107	7166	4.856	ug/l	98
64) Tetrachloroethene	10.810	164	9421	4.862	ug/l	92
65) Chlorobenzene	11.610	112	28122	4.949	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	10433	4.830	ug/l	98
67) Ethyl Benzene	11.687	91	41736	4.431	ug/l	100
68) m/p-Xylenes	11.798	106	33098	8.557	ug/l	100
69) o-Xylene	12.116	106	15232	4.278	ug/l	94
70) Styrene	12.134	104	24821	4.086	ug/l	98
71) Bromoform	12.298	173	5524	4.665	ug/l #	98
73) Isopropylbenzene	12.422	105	37431	4.477	ug/l	97
74) N-amyl acetate	12.234	43	5422	4.508	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	8181	5.385	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	5224m	3.546	ug/l	
77) Bromobenzene	12.704	156	10417	4.746	ug/l	99
78) n-propylbenzene	12.763	91	46214	4.590	ug/l	99
79) 2-Chlorotoluene	12.851	91	26490	4.830	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	29569	4.286	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	2216	4.698	ug/l	91
82) 4-Chlorotoluene	12.945	91	26676	4.672	ug/l	99
83) tert-Butylbenzene	13.169	119	27870	4.556	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	28243	4.066	ug/l	95
85) sec-Butylbenzene	13.345	105	42040	4.567	ug/l	94
86) p-Isopropyltoluene	13.463	119	33794	4.226	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	22008	4.764	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	23010	5.027	ug/l	93
89) n-Butylbenzene	13.787	91	31320	4.498	ug/l	99
90) Hexachloroethane	14.051	117	8030	4.968	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	19216	4.925	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	728	3.915	ug/l #	17
93) 1,2,4-Trichlorobenzene	15.104	180	10811	4.447	ug/l	99
94) Hexachlorobutadiene	15.210	225	7128	5.162	ug/l	99
95) Naphthalene	15.339	128	17667	4.304	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	9449	4.478	ug/l	97

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

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