

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110123\
 Data File : VD077472.D
 Acq On : 01 Nov 2023 10:09
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/02/2023
 Supervised By :Semsettin Yesilyurt 11/02/2023

Quant Time: Nov 02 00:52:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	266940	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	479171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	420525	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	190627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	183824	48.699	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.400%		
35) Dibromofluoromethane	7.810	113	159920	48.287	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.580%		
50) Toluene-d8	10.269	98	637897	49.588	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.180%		
62) 4-Bromofluorobenzene	12.575	95	202331	46.699	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	102670	47.700	ug/l	98
3) Chloromethane	2.152	50	192557	56.349	ug/l	98
4) Vinyl Chloride	2.287	62	203447	61.053	ug/l	96
5) Bromomethane	2.699	94	107802	61.736	ug/l	99
6) Chloroethane	2.840	64	134450	59.927	ug/l	99
7) Trichlorofluoromethane	3.181	101	234715	50.297	ug/l	100
8) Diethyl Ether	3.599	74	86326	51.462	ug/l #	51
9) 1,1,2-Trichlorotrifluo...	3.969	101	139661	49.575	ug/l	95
10) Methyl Iodide	4.163	142	154739	43.902	ug/l #	89
11) Tert butyl alcohol	5.046	59	67071	224.315	ug/l	98
12) 1,1-Dichloroethene	3.946	96	138217	51.823	ug/l #	65
13) Acrolein	3.799	56	88420	224.247	ug/l	99
14) Allyl chloride	4.563	41	327313	50.872	ug/l #	83
15) Acrylonitrile	5.252	53	232711	256.630	ug/l	97
16) Acetone	4.016	43	266209	266.523	ug/l #	79
17) Carbon Disulfide	4.275	76	410757	49.934	ug/l	96
18) Methyl Acetate	4.563	43	193818	53.198	ug/l #	76
19) Methyl tert-butyl Ether	5.310	73	412521	49.275	ug/l	93
20) Methylene Chloride	4.804	84	179415	47.668	ug/l #	61
21) trans-1,2-Dichloroethene	5.316	96	160294	51.605	ug/l #	72
22) Diisopropyl ether	6.216	45	685403	50.122	ug/l #	89
23) Vinyl Acetate	6.151	43	1440736m	244.214	ug/l	
24) 1,1-Dichloroethane	6.110	63	351178	49.493	ug/l	93
25) 2-Butanone	7.075	43	330938	248.401	ug/l #	71
26) 2,2-Dichloropropane	7.069	77	296952	47.224	ug/l	90
27) cis-1,2-Dichloroethene	7.081	96	190692	49.554	ug/l	70
28) Bromochloromethane	7.422	49	162012	50.349	ug/l #	54
29) Tetrahydrofuran	7.446	42	201474	254.980	ug/l #	70
30) Chloroform	7.593	83	319908	48.287	ug/l	97
31) Cyclohexane	7.875	56	302302	51.231	ug/l #	75
32) 1,1,1-Trichloroethane	7.798	97	270382	49.534	ug/l	94
36) 1,1-Dichloropropene	8.010	75	251873	51.294	ug/l	91
37) Ethyl Acetate	7.163	43	140255	49.772	ug/l #	89
38) Carbon Tetrachloride	7.993	117	227522	49.171	ug/l	97
39) Methylcyclohexane	9.275	83	290496	51.850	ug/l #	82
40) Benzene	8.251	78	698468	49.884	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	85164	47.232	ug/l #	72
42) 1,2-Dichloroethane	8.328	62	211449	47.680	ug/l	90
43) Isopropyl Acetate	8.357	43	288210	49.561	ug/l #	80
44) Trichloroethene	9.028	130	164257	47.891	ug/l	85
45) 1,2-Dichloropropane	9.304	63	206330	50.053	ug/l	100
46) Dibromomethane	9.392	93	92232	46.493	ug/l	90
47) Bromodichloromethane	9.587	83	248733	47.437	ug/l	98
48) Methyl methacrylate	9.381	41	137810	49.646	ug/l #	63
49) 1,4-Dioxane	9.387	88	20786	975.108	ug/l #	65
51) 4-Methyl-2-Pentanone	10.157	43	703875	245.907	ug/l #	81
52) Toluene	10.334	92	417751	48.941	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	269628	48.562	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	308494	48.283	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	126143	47.660	ug/l	91
56) Ethyl methacrylate	10.598	69	191603	48.689	ug/l #	65
57) 1,3-Dichloropropane	10.881	76	239458	48.404	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	486897	247.144	ug/l #	84
59) 2-Hexanone	10.922	43	515925	244.676	ug/l	78
60) Dibromochloromethane	11.075	129	148501	46.661	ug/l	95
61) 1,2-Dibromoethane	11.181	107	116153	46.342	ug/l	99
64) Tetrachloroethene	10.810	164	126957	47.419	ug/l	93
65) Chlorobenzene	11.610	112	420957	47.782	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	153544	46.120	ug/l	98
67) Ethyl Benzene	11.686	91	831494	49.052	ug/l	95
68) m/p-Xylenes	11.798	106	599122	97.876	ug/l	80
69) o-Xylene	12.122	106	289041	49.297	ug/l	82
70) Styrene	12.134	104	484219	47.872	ug/l #	90
71) Bromoform	12.304	173	84995	46.050	ug/l #	96
73) Isopropylbenzene	12.422	105	768951	49.476	ug/l	94
74) N-amyl acetate	12.233	43	265780	48.279	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.675	83	148961	48.895	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	116118m	50.049	ug/l	
77) Bromobenzene	12.704	156	156583	45.771	ug/l	66
78) n-propylbenzene	12.763	91	966029	48.952	ug/l	92
79) 2-Chlorotoluene	12.851	91	531323	47.552	ug/l	88
80) 1,3,5-Trimethylbenzene	12.904	105	626582	48.047	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	55346	46.079	ug/l #	84
82) 4-Chlorotoluene	12.951	91	547651	47.054	ug/l	88
83) tert-Butylbenzene	13.169	119	523370	47.733	ug/l	88
84) 1,2,4-Trimethylbenzene	13.216	105	623083	48.098	ug/l	93
85) sec-Butylbenzene	13.345	105	825850	49.228	ug/l	93
86) p-Isopropyltoluene	13.463	119	661390	48.503	ug/l	93
87) 1,3-Dichlorobenzene	13.463	146	315138	46.864	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	313480	46.659	ug/l	95
89) n-Butylbenzene	13.792	91	693818	48.954	ug/l	96
90) Hexachloroethane	14.057	117	132424	47.457	ug/l	91
91) 1,2-Dichlorobenzene	13.833	146	274952	46.525	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.451	75	24529	47.792	ug/l	76
93) 1,2,4-Trichlorobenzene	15.104	180	186300	45.888	ug/l	96
94) Hexachlorobutadiene	15.204	225	101844	46.506	ug/l	99
95) Naphthalene	15.333	128	369583	47.720	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	161965	46.217	ug/l	99

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

