

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100623\
 Data File : VD077277.D
 Acq On : 05 Oct 2023 16:03
 Operator : JC/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: Oct 06 07:39:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 07:36:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	191564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	326776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	310478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	165047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	42438	18.258	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	36.520%#		
35) Dibromofluoromethane	7.798	113	50055	18.319	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	36.640%#		
50) Toluene-d8	10.269	98	162783	16.770	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	33.540%#		
62) 4-Bromofluorobenzene	12.569	95	54393	18.015	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	36.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	51555	20.881	ug/l	99
3) Chloromethane	2.146	50	80379	20.888	ug/l	97
4) Vinyl Chloride	2.281	62	97695	20.744	ug/l	98
5) Bromomethane	2.675	94	72326	21.738	ug/l	99
6) Chloroethane	2.828	64	58275	20.781	ug/l	100
7) Trichlorofluoromethane	3.169	101	100096	22.744	ug/l	94
8) Diethyl Ether	3.593	74	27133	18.991	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.963	101	59132	19.852	ug/l	99
10) Methyl Iodide	4.158	142	72190	19.671	ug/l #	90
11) Tert butyl alcohol	5.046	59	15481	97.671	ug/l	96
12) 1,1-Dichloroethene	3.934	96	57219	19.681	ug/l	92
13) Acrolein	3.793	56	10869	68.253	ug/l	97
14) Allyl chloride	4.558	41	72697	19.271	ug/l	92
15) Acrylonitrile	5.246	53	64465	97.835	ug/l	99
16) Acetone	4.010	43	56099	94.933	ug/l #	79
17) Carbon Disulfide	4.263	76	197328	20.134	ug/l	98
18) Methyl Acetate	4.563	43	46106	19.515	ug/l	90
19) Methyl tert-butyl Ether	5.316	73	117168	19.423	ug/l	94
20) Methylene Chloride	4.799	84	96259	20.963	ug/l	92
21) trans-1,2-Dichloroethene	5.305	96	67476	19.659	ug/l	93
22) Diisopropyl ether	6.210	45	161748	20.174	ug/l	95
23) Vinyl Acetate	6.152	43	307512m	93.813	ug/l	
24) 1,1-Dichloroethane	6.110	63	114912	20.137	ug/l	98
25) 2-Butanone	7.081	43	78392	97.211	ug/l	88
26) 2,2-Dichloropropane	7.075	77	95650	19.640	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	72908	19.815	ug/l	94
28) Bromochloromethane	7.422	49	46851	24.856	ug/l #	78
29) Tetrahydrofuran	7.440	42	45856	99.330	ug/l	86
30) Chloroform	7.593	83	118436	19.967	ug/l	97
31) Cyclohexane	7.875	56	89984	19.042	ug/l	95
32) 1,1,1-Trichloroethane	7.787	97	100271	19.776	ug/l	100
36) 1,1-Dichloropropene	8.010	75	86844	19.067	ug/l	97
37) Ethyl Acetate	7.163	43	35090	19.350	ug/l	95
38) Carbon Tetrachloride	7.987	117	82611	19.598	ug/l	94
39) Methylcyclohexane	9.269	83	99595	19.098	ug/l	90
40) Benzene	8.251	78	267611	19.723	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	17829	19.180	ug/l	94
42) 1,2-Dichloroethane	8.322	62	64731	20.125	ug/l	99
43) Isopropyl Acetate	8.357	43	62668	19.590	ug/l #	90
44) Trichloroethene	9.028	130	67753	19.508	ug/l	99
45) 1,2-Dichloropropane	9.304	63	66210	19.834	ug/l	97
46) Dibromomethane	9.393	93	36073	19.376	ug/l	90
47) Bromodichloromethane	9.581	83	86102	19.952	ug/l	98
48) Methyl methacrylate	9.381	41	29526	19.924	ug/l #	80
49) 1,4-Dioxane	9.381	88	7253	391.347	ug/l	89
51) 4-Methyl-2-Pentanone	10.157	43	162243	97.734	ug/l	90
52) Toluene	10.334	92	165736	19.923	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	77754	18.839	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	97997	19.781	ug/l #	94
55) 1,1,2-Trichloroethane	10.734	97	50202	19.768	ug/l	92
56) Ethyl methacrylate	10.598	69	52009	18.780	ug/l #	90
57) 1,3-Dichloropropane	10.881	76	82787	19.943	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	61964	74.137	ug/l	95
59) 2-Hexanone	10.922	43	113891	95.818	ug/l	89
60) Dibromochloromethane	11.075	129	59082	20.324	ug/l	94
61) 1,2-Dibromoethane	11.181	107	46344	19.616	ug/l	97
64) Tetrachloroethene	10.810	164	56727	19.930	ug/l	91
65) Chlorobenzene	11.610	112	173812	19.865	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	61762	20.028	ug/l	99
67) Ethyl Benzene	11.687	91	299966	19.248	ug/l	97
68) m/p-Xylenes	11.792	106	239091	39.474	ug/l	89
69) o-Xylene	12.122	106	107092	19.459	ug/l	92
70) Styrene	12.134	104	189306	20.024	ug/l	97
71) Bromoform	12.298	173	34277	20.013	ug/l #	97
73) Isopropylbenzene	12.422	105	279362	18.708	ug/l	98
74) N-amyl acetate	12.234	43	56901	18.555	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	58040	19.560	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	30670m	18.884	ug/l	
77) Bromobenzene	12.698	156	67648	19.410	ug/l	88
78) n-propylbenzene	12.763	91	357795	19.085	ug/l	95
79) 2-Chlorotoluene	12.845	91	192051	19.036	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	238237	19.304	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	17265	17.940	ug/l	98
82) 4-Chlorotoluene	12.945	91	206140	19.399	ug/l	95
83) tert-Butylbenzene	13.169	119	199398	18.954	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	239743	19.431	ug/l	95
85) sec-Butylbenzene	13.345	105	305455	18.936	ug/l	97
86) p-Isopropyltoluene	13.457	119	252762	18.863	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	140316	19.394	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	139515	19.491	ug/l	98
89) n-Butylbenzene	13.786	91	238582	18.481	ug/l	97
90) Hexachloroethane	14.051	117	51634	19.245	ug/l	89
91) 1,2-Dichlorobenzene	13.833	146	119798	19.401	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7083	18.434	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	68740	18.528	ug/l	99
94) Hexachlorobutadiene	15.204	225	36708	18.777	ug/l	98
95) Naphthalene	15.333	128	127954	17.923	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	60972	18.473	ug/l	98

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

