

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078657.D
 Acq On : 14 Mar 2024 10:01
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

03/15/2024
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Mar 15 05:24:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:17:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	118828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	211896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	193488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	89414	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	6453	5.795	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.580%#
35) Dibromofluoromethane	7.810	113	7304	5.354	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.700%#
50) Toluene-d8	10.269	98	23905	4.764	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.520%#
62) 4-Bromofluorobenzene	12.575	95	6283	4.280	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	8.560%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	6012	5.436	ug/l	97
3) Chloromethane	2.152	50	10127	5.799	ug/l	97
4) Vinyl Chloride	2.287	62	13370	5.190	ug/l	98
5) Bromomethane	2.699	94	12871	5.219	ug/l	92
6) Chloroethane	2.840	64	10233	5.094	ug/l	93
7) Trichlorofluoromethane	3.175	101	10701	5.251	ug/l	93
8) Diethyl Ether	3.605	74	3311	5.565	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.963	101	7335	5.735	ug/l #	87
10) Methyl Iodide	4.169	142	6673	4.411	ug/l	94
11) Tert butyl alcohol	5.063	59	1098m	22.032	ug/l	
12) 1,1-Dichloroethene	3.952	96	5885	4.840	ug/l	92
13) Acrolein	3.810	56	2113	27.066	ug/l	91
14) Allyl chloride	4.581	41	6766	4.987	ug/l	93
15) Acrylonitrile	5.252	53	6141	25.603	ug/l #	84
16) Acetone	4.022	43	5904	27.417	ug/l #	78
17) Carbon Disulfide	4.281	76	20467	5.135	ug/l #	95
18) Methyl Acetate	4.575	43	2387	5.165	ug/l #	63
19) Methyl tert-butyl Ether	5.322	73	11288	4.604	ug/l	93
20) Methylene Chloride	4.816	84	11796	3.505	ug/l	92
21) trans-1,2-Dichloroethene	5.310	96	7070	4.928	ug/l	84
22) Diisopropyl ether	6.222	45	14397	4.668	ug/l #	86
23) Vinyl Acetate	6.163	43	40353	22.366	ug/l #	90
24) 1,1-Dichloroethane	6.110	63	12117	5.240	ug/l #	95
25) 2-Butanone	7.087	43	7502	26.203	ug/l	100
26) 2,2-Dichloropropane	7.081	77	10022	5.122	ug/l	98
27) cis-1,2-Dichloroethene	7.087	96	8118	4.961	ug/l	96
28) Bromochloromethane	7.434	49	4228	5.128	ug/l #	100
29) Tetrahydrofuran	7.451	42	3486	22.386	ug/l	95
30) Chloroform	7.598	83	13912	5.396	ug/l	95
31) Cyclohexane	7.887	56	10956	5.853	ug/l #	85
32) 1,1,1-Trichloroethane	7.798	97	11817	5.402	ug/l	93
36) 1,1-Dichloropropene	8.010	75	9302	4.699	ug/l	94
37) Ethyl Acetate	7.175	43	3568	5.517	ug/l #	67
38) Carbon Tetrachloride	7.998	117	9573	4.587	ug/l #	92
39) Methylcyclohexane	9.275	83	9863	4.295	ug/l	92
40) Benzene	8.251	78	27806	4.647	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	1733	4.920	ug/l #	77
42) 1,2-Dichloroethane	8.328	62	7168	4.912	ug/l	85
43) Isopropyl Acetate	8.363	43	5239	4.455	ug/l #	73
44) Trichloroethene	9.034	130	7716	4.752	ug/l	78
45) 1,2-Dichloropropane	9.310	63	6674	4.702	ug/l	96
46) Dibromomethane	9.404	93	4249	4.994	ug/l	94
47) Bromodichloromethane	9.587	83	9980	4.927	ug/l #	95
48) Methyl methacrylate	9.381	41	2575	4.494	ug/l	91
49) 1,4-Dioxane	9.381	88	701	88.977	ug/l #	27
51) 4-Methyl-2-Pentanone	10.163	43	13831	22.496	ug/l	93
52) Toluene	10.334	92	16509	4.285	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	8134	4.392	ug/l #	87
54) cis-1,3-Dichloropropene	10.022	75	10362	4.654	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	5396	4.736	ug/l #	88
56) Ethyl methacrylate	10.592	69	4707	4.121	ug/l	97
57) 1,3-Dichloropropane	10.881	76	8562	4.657	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	11241	22.318	ug/l	99
59) 2-Hexanone	10.922	43	10545	23.136	ug/l	94
60) Dibromochloromethane	11.075	129	6021	4.285	ug/l	95
61) 1,2-Dibromoethane	11.175	107	4940	4.480	ug/l	95
64) Tetrachloroethene	10.810	164	6135	4.791	ug/l	96
65) Chlorobenzene	11.604	112	18877	4.669	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	6980	4.714	ug/l	100
67) Ethyl Benzene	11.681	91	30406	4.413	ug/l	95
68) m/p-Xylenes	11.792	106	23620	8.442	ug/l	93
69) o-Xylene	12.122	106	11078	4.279	ug/l	99
70) Styrene	12.134	104	17190	3.956	ug/l	97
71) Bromoform	12.298	173	3672	4.589	ug/l #	88
73) Isopropylbenzene	12.422	105	26513	4.504	ug/l	99
74) N-amyl acetate	12.239	43	4622	4.836	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	5679	5.211	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	3385m	4.924	ug/l	
77) Bromobenzene	12.704	156	7035	4.819	ug/l	90
78) n-propylbenzene	12.763	91	32168	4.489	ug/l	99
79) 2-Chlorotoluene	12.851	91	19594	4.984	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	22424	4.606	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	1639	4.987	ug/l	95
82) 4-Chlorotoluene	12.945	91	19943	4.796	ug/l	95
83) tert-Butylbenzene	13.169	119	18110	4.314	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	20359	4.150	ug/l	93
85) sec-Butylbenzene	13.345	105	27999	4.408	ug/l	100
86) p-Isopropyltoluene	13.463	119	22087	4.061	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	14587	4.735	ug/l	95
88) 1,4-Dichlorobenzene	13.539	146	15063	4.961	ug/l	88
89) n-Butylbenzene	13.786	91	21542	4.386	ug/l	98
90) Hexachloroethane	14.057	117	5941	5.280	ug/l	91
91) 1,2-Dichlorobenzene	13.828	146	13340	5.027	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.457	75	899	6.167	ug/l	75
93) 1,2,4-Trichlorobenzene	15.098	180	7957	5.138	ug/l	89
94) Hexachlorobutadiene	15.204	225	4151	4.951	ug/l	98
95) Naphthalene	15.333	128	12418	4.612	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.522	180	6199	4.627	ug/l	91

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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

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