

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030124\
 Data File : VD078574.D
 Acq On : 01 Mar 2024 12:43
 Operator : RP/MD
 Sample : VSTDICC010
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2024
 Supervised By :Mahesh Dadoda 03/04/2024

Quant Time: Mar 02 03:36:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:25:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	120154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	213923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	192653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	14129	11.862	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	23.720%#		
35) Dibromofluoromethane	7.810	113	15779	11.339	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	22.680%#		
50) Toluene-d8	10.269	98	56660	10.478	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	20.960%#		
62) 4-Bromofluorobenzene	12.575	95	14964	9.689	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	19.380%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	12857	10.387	ug/l	97
3) Chloromethane	2.152	50	21245	8.665	ug/l	97
4) Vinyl Chloride	2.281	62	31856	10.786	ug/l	97
5) Bromomethane	2.693	94	25946	11.000	ug/l	98
6) Chloroethane	2.840	64	24273	11.089	ug/l	95
7) Trichlorofluoromethane	3.175	101	22099	11.066	ug/l	98
8) Diethyl Ether	3.599	74	5487	9.785	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.969	101	14148	11.241	ug/l	95
10) Methyl Iodide	4.164	142	12423	9.432	ug/l #	91
11) Tert butyl alcohol	5.046	59	3000	50.439	ug/l #	73
12) 1,1-Dichloroethene	3.946	96	12412	10.563	ug/l	90
13) Acrolein	3.799	56	6014	50.913	ug/l	96
14) Allyl chloride	4.569	41	13708	10.243	ug/l	90
15) Acrylonitrile	5.263	53	11551	49.963	ug/l	97
16) Acetone	4.028	43	12748	55.866	ug/l	89
17) Carbon Disulfide	4.269	76	42253	10.793	ug/l #	91
18) Methyl Acetate	4.563	43	4519	10.463	ug/l #	70
19) Methyl tert-butyl Ether	5.322	73	22939	9.602	ug/l #	91
20) Methylene Chloride	4.805	84	25866	7.473	ug/l	94
21) trans-1,2-Dichloroethene	5.311	96	14972	10.605	ug/l	94
22) Diisopropyl ether	6.216	45	30276	10.090	ug/l	93
23) Vinyl Acetate	6.158	43	85246	47.835	ug/l	97
24) 1,1-Dichloroethane	6.110	63	23945	10.563	ug/l #	89
25) 2-Butanone	7.087	43	14423	50.108	ug/l #	76
26) 2,2-Dichloropropane	7.081	77	21005	10.968	ug/l	92
27) cis-1,2-Dichloroethene	7.087	96	15626	10.108	ug/l	99
28) Bromochloromethane	7.422	49	9996	11.803	ug/l #	81
29) Tetrahydrofuran	7.446	42	7507	46.944	ug/l	92
30) Chloroform	7.604	83	25814	10.547	ug/l	99
31) Cyclohexane	7.881	56	21345	11.450	ug/l #	95
32) 1,1,1-Trichloroethane	7.793	97	22278	10.610	ug/l	99
36) 1,1-Dichloropropene	8.004	75	17938	9.315	ug/l	97
37) Ethyl Acetate	7.169	43	6101	9.778	ug/l #	90
38) Carbon Tetrachloride	7.993	117	19531	9.697	ug/l	97
39) Methylcyclohexane	9.275	83	20323	8.992	ug/l	97
40) Benzene	8.257	78	54122	9.482	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	2678m	8.008	ug/l	
42) 1,2-Dichloroethane	8.328	62	13668	9.439	ug/l	97
43) Isopropyl Acetate	8.363	43	10971	9.172	ug/l #	89
44) Trichloroethene	9.028	130	15264	9.745	ug/l	93
45) 1,2-Dichloropropane	9.304	63	13280	9.686	ug/l	98
46) Dibromomethane	9.393	93	7682	9.719	ug/l	92
47) Bromodichloromethane	9.581	83	18502	9.493	ug/l #	92
48) Methyl methacrylate	9.387	41	5055	9.329	ug/l	87
49) 1,4-Dioxane	9.387	88	1201	206.528	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	27961	45.287	ug/l	90
52) Toluene	10.334	92	33519	9.152	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	16088	8.923	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	19885	9.211	ug/l #	85
55) 1,1,2-Trichloroethane	10.728	97	9942	8.933	ug/l #	92
56) Ethyl methacrylate	10.598	69	9249	8.291	ug/l #	81
57) 1,3-Dichloropropane	10.881	76	17576	9.745	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.869	63	21825	45.113	ug/l	100
59) 2-Hexanone	10.922	43	20754	45.320	ug/l	86
60) Dibromochloromethane	11.075	129	12337	9.180	ug/l	99
61) 1,2-Dibromoethane	11.175	107	9640	9.438	ug/l	99
64) Tetrachloroethene	10.810	164	11764	9.705	ug/l	97
65) Chlorobenzene	11.604	112	37167	9.797	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.675	131	12836	9.088	ug/l	97
67) Ethyl Benzene	11.681	91	59775	9.093	ug/l	96
68) m/p-Xylenes	11.793	106	47692	17.933	ug/l	95
69) o-Xylene	12.116	106	21425	8.881	ug/l	93
70) Styrene	12.134	104	36896	8.823	ug/l	97
71) Bromoform	12.292	173	7193	9.573	ug/l #	99
73) Isopropylbenzene	12.416	105	55951	9.279	ug/l	96
74) N-amyl acetate	12.234	43	9034	8.902	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	11923	10.322	ug/l	94
76) 1,2,3-Trichloropropane	12.716	75	7218m	9.913	ug/l	
77) Bromobenzene	12.698	156	13112	8.992	ug/l	92
78) n-propylbenzene	12.757	91	69745	9.457	ug/l	96
79) 2-Chlorotoluene	12.845	91	37947	9.588	ug/l	97
80) 1,3,5-Trimethylbenzene	12.898	105	44903	9.152	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.475	75	3213	9.467	ug/l	86
82) 4-Chlorotoluene	12.945	91	40701	9.650	ug/l	99
83) tert-Butylbenzene	13.163	119	39103	9.256	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	44525	8.879	ug/l	99
85) sec-Butylbenzene	13.345	105	60390	9.163	ug/l	96
86) p-Isopropyltoluene	13.457	119	48769	8.790	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	28717	9.217	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	30569	9.793	ug/l	98
89) n-Butylbenzene	13.787	91	47430	9.148	ug/l	95
90) Hexachloroethane	14.051	117	11351	10.062	ug/l	90
91) 1,2-Dichlorobenzene	13.828	146	24673	9.322	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1497	9.723	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	13857	8.842	ug/l	100
94) Hexachlorobutadiene	15.204	225	8261	9.580	ug/l	96
95) Naphthalene	15.328	128	23166	8.365	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.522	180	12341	8.867	ug/l	99

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

