

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021324\
 Data File : VD078399.D
 Acq On : 13 Feb 2024 10:58
 Operator : RP/MD
 Sample : VSTDICC010
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: Feb 14 00:48:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 00:36:44 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024
 Supervised By :Semsettin Yesilyurt 02/14/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	147630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	266227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	245977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	115617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	16675	10.446	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.900%#		
35) Dibromofluoromethane	7.810	113	15549	9.194	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	18.380%#		
50) Toluene-d8	10.269	98	62644	9.260	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	18.520%#		
62) 4-Bromofluorobenzene	12.575	95	17442	8.860	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	17.720%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	13913	9.565	ug/l	100
3) Chloromethane	2.152	50	27494	10.285	ug/l	97
4) Vinyl Chloride	2.281	62	41494	10.172	ug/l	95
5) Bromomethane	2.687	94	26766	9.506	ug/l	97
6) Chloroethane	2.834	64	31054	10.440	ug/l	97
7) Trichlorofluoromethane	3.175	101	28990	10.536	ug/l	97
8) Diethyl Ether	3.599	74	7699	9.714	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.964	101	17960	10.346	ug/l	96
10) Methyl Iodide	4.169	142	14111	9.076	ug/l #	90
11) Tert butyl alcohol	5.063	59	5789m	62.681	ug/l	
12) 1,1-Dichloroethene	3.934	96	15510	9.637	ug/l #	68
13) Acrolein	3.799	56	8740	59.268	ug/l	95
14) Allyl chloride	4.564	41	20367	10.244	ug/l	89
15) Acrylonitrile	5.258	53	15938	46.975	ug/l	93
16) Acetone	4.022	43	20830	47.536	ug/l	97
17) Carbon Disulfide	4.269	76	57016	10.529	ug/l	99
18) Methyl Acetate	4.564	43	7028	9.659	ug/l #	78
19) Methyl tert-butyl Ether	5.322	73	33594	9.825	ug/l	92
20) Methylene Chloride	4.799	84	22516	9.979	ug/l	92
21) trans-1,2-Dichloroethene	5.316	96	18525	9.785	ug/l	92
22) Diisopropyl ether	6.210	45	44919	10.251	ug/l #	86
23) Vinyl Acetate	6.158	43	112182m	49.486	ug/l	
24) 1,1-Dichloroethane	6.116	63	32536	10.481	ug/l	95
25) 2-Butanone	7.087	43	25981	52.038	ug/l #	82
26) 2,2-Dichloropropane	7.075	77	25772	9.904	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	20365	9.804	ug/l	90
28) Bromochloromethane	7.434	49	11369	9.247	ug/l #	79
29) Tetrahydrofuran	7.446	42	11215	47.244	ug/l	93
30) Chloroform	7.593	83	33708	10.263	ug/l	96
31) Cyclohexane	7.881	56	28184	10.438	ug/l	88
32) 1,1,1-Trichloroethane	7.793	97	28705	10.251	ug/l	97
36) 1,1-Dichloropropene	8.010	75	26075	9.925	ug/l	94
37) Ethyl Acetate	7.175	43	9534	10.353	ug/l	93
38) Carbon Tetrachloride	7.993	117	25839	9.932	ug/l	91
39) Methylcyclohexane	9.275	83	27581	8.843	ug/l #	87
40) Benzene	8.252	78	73864	9.727	ug/l	97

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41) Methacrylonitrile	7.399	41	4813	10.042	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	20238	10.300	ug/l	96
43) Isopropyl Acetate	8.363	43	16381	9.606	ug/l #	72
44) Trichloroethene	9.034	130	18991	9.803	ug/l	98
45) 1,2-Dichloropropane	9.304	63	17717	9.509	ug/l	94
46) Dibromomethane	9.393	93	10308	9.836	ug/l #	88
47) Bromodichloromethane	9.581	83	25509	9.828	ug/l	93
48) Methyl methacrylate	9.381	41	7412	8.192	ug/l #	82
49) 1,4-Dioxane	9.381	88	1850	163.013	ug/l #	82
51) 4-Methyl-2-Pentanone	10.157	43	44657	49.339	ug/l	90
52) Toluene	10.334	92	44515	9.270	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	22668	9.571	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	28004	9.751	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	13315	9.435	ug/l #	85
56) Ethyl methacrylate	10.598	69	13711	10.505	ug/l #	85
57) 1,3-Dichloropropane	10.881	76	23591	9.827	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	34367	44.701	ug/l	94
59) 2-Hexanone	10.922	43	35490	52.176	ug/l	87
60) Dibromochloromethane	11.075	129	16153	9.513	ug/l	92
61) 1,2-Dibromoethane	11.181	107	12729	9.608	ug/l	97
64) Tetrachloroethene	10.810	164	15016	9.665	ug/l	90
65) Chlorobenzene	11.604	112	47173	9.539	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	17502	9.631	ug/l	95
67) Ethyl Benzene	11.687	91	80567	9.093	ug/l	96
68) m/p-Xylenes	11.793	106	61525	17.802	ug/l	87
69) o-Xylene	12.122	106	27565	8.740	ug/l	89
70) Styrene	12.134	104	48367	9.396	ug/l	95
71) Bromoform	12.298	173	9185	9.602	ug/l #	97
73) Isopropylbenzene	12.422	105	70625	9.097	ug/l	96
74) N-amyl acetate	12.234	43	15845	10.788	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	16863	10.950	ug/l	91
76) 1,2,3-Trichloropropane	12.728	75	12042m	12.236	ug/l	
77) Bromobenzene	12.704	156	16862	9.242	ug/l	81
78) n-propylbenzene	12.763	91	92095	9.519	ug/l	94
79) 2-Chlorotoluene	12.851	91	50767	9.797	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	60106	9.324	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	4892	10.347	ug/l	92
82) 4-Chlorotoluene	12.951	91	55279	9.933	ug/l	94
83) tert-Butylbenzene	13.169	119	50194	9.232	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	60048	9.178	ug/l	95
85) sec-Butylbenzene	13.345	105	80377	9.533	ug/l	95
86) p-Isopropyltoluene	13.463	119	62556	8.711	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	37290	9.576	ug/l	95
88) 1,4-Dichlorobenzene	13.540	146	38577	10.082	ug/l	96
89) n-Butylbenzene	13.787	91	65635	9.482	ug/l	93
90) Hexachloroethane	14.051	117	15130	10.250	ug/l	83
91) 1,2-Dichlorobenzene	13.834	146	30765	9.408	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2310	11.456	ug/l	87
93) 1,2,4-Trichlorobenzene	15.104	180	18214	9.478	ug/l	95
94) Hexachlorobutadiene	15.204	225	9500	9.471	ug/l	99
95) Naphthalene	15.334	128	32502	9.118	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	14448	8.871	ug/l	88

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

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