

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
 Data File : VD078368.D
 Acq On : 08 Feb 2024 14:46
 Operator : RP/MD
 Sample : VD0208SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0208SBS01

Quant Time: Feb 09 03:08:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin
 Yesilyurt

02/09/2024
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	111902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	197396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	183083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	89030	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	55334	39.944	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.880%
35) Dibromofluoromethane	7.805	113	57908	41.206	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.420%
50) Toluene-d8	10.269	98	209516	39.378	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.760%
62) 4-Bromofluorobenzene	12.575	95	64419	40.429	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.860%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.940	85	24887	18.631	ug/l	99
3) Chloromethane	2.158	50	45415	19.510	ug/l	96
4) Vinyl Chloride	2.281	62	55246	17.992	ug/l	100
5) Bromomethane	2.687	94	32629	17.552	ug/l	99
6) Chloroethane	2.834	64	40775	19.225	ug/l	94
7) Trichlorofluoromethane	3.175	101	50270	19.337	ug/l	92
8) Diethyl Ether	3.593	74	15425	20.057	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.964	101	31807	19.936	ug/l	96
10) Methyl Iodide	4.164	142	20987	14.461	ug/l	91
11) Tert butyl alcohol	5.075	59	9266	104.865	ug/l #	83
12) 1,1-Dichloroethene	3.934	96	26565	17.256	ug/l #	78
13) Acrolein	3.805	56	7328	65.331	ug/l	98
14) Allyl chloride	4.552	41	34209	16.854	ug/l #	85
15) Acrylonitrile	5.264	53	33056	97.245	ug/l	95
16) Acetone	4.022	43	37547	107.220	ug/l #	81
17) Carbon Disulfide	4.269	76	76681	14.755	ug/l	99
18) Methyl Acetate	4.564	43	12755	17.275	ug/l #	86
19) Methyl tert-butyl Ether	5.316	73	63679	19.890	ug/l	97
20) Methylene Chloride	4.799	84	47042	26.709	ug/l #	88
21) trans-1,2-Dichloroethene	5.311	96	29520	16.960	ug/l	93
22) Diisopropyl ether	6.216	45	83422	19.316	ug/l #	89
23) Vinyl Acetate	6.158	43	255182	96.846	ug/l #	92
24) 1,1-Dichloroethane	6.111	63	55534	18.574	ug/l	92
25) 2-Butanone	7.081	43	45338	98.220	ug/l #	83
26) 2,2-Dichloropropane	7.081	77	46126	18.886	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	35337	18.318	ug/l	89
28) Bromochloromethane	7.428	49	18132	17.003	ug/l #	73
29) Tetrahydrofuran	7.458	42	22429	90.828	ug/l	87
30) Chloroform	7.593	83	60091	19.657	ug/l	94
31) Cyclohexane	7.881	56	42143	16.244	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	51229	19.445	ug/l	97
36) 1,1-Dichloropropene	8.010	75	43029	18.464	ug/l	95
37) Ethyl Acetate	7.175	43	17486	19.496	ug/l #	91
38) Carbon Tetrachloride	7.987	117	43435	18.956	ug/l	89
39) Methylcyclohexane	9.275	83	47701	17.313	ug/l	93
40) Benzene	8.252	78	127743	18.787	ug/l	96

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41) Methacrylonitrile	7.416	41	9949m	20.633	ug/l	
42) 1,2-Dichloroethane	8.322	62	35724	20.257	ug/l	93
43) Isopropyl Acetate	8.363	43	33250	20.676	ug/l #	74
44) Trichloroethene	9.028	130	31928	19.122	ug/l	98
45) 1,2-Dichloropropane	9.304	63	32571	19.592	ug/l	97
46) Dibromomethane	9.393	93	18164	19.692	ug/l	91
47) Bromodichloromethane	9.587	83	45786	20.175	ug/l	99
48) Methyl methacrylate	9.381	41	15749	20.494	ug/l #	74
49) 1,4-Dioxane	9.387	88	4302	415.764	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	87290	100.339	ug/l	89
52) Toluene	10.334	92	78566	19.049	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	41090	19.384	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	49654	19.786	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	25406	21.107	ug/l	97
56) Ethyl methacrylate	10.599	69	26405	19.340	ug/l #	82
57) 1,3-Dichloropropane	10.881	76	42296	20.379	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	52341	84.300	ug/l	95
59) 2-Hexanone	10.922	43	68475	104.512	ug/l	85
60) Dibromochloromethane	11.075	129	29720	21.270	ug/l	95
61) 1,2-Dibromoethane	11.181	107	23351	20.547	ug/l	96
64) Tetrachloroethene	10.810	164	25200	19.735	ug/l	96
65) Chlorobenzene	11.604	112	85076	19.423	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.675	131	31806	20.395	ug/l	95
67) Ethyl Benzene	11.681	91	150521	18.971	ug/l	96
68) m/p-Xylenes	11.793	106	114503	37.512	ug/l	87
69) o-Xylene	12.122	106	55064	19.629	ug/l	95
70) Styrene	12.134	104	95284	19.890	ug/l	96
71) Bromoform	12.298	173	17025	22.166	ug/l #	97
73) Isopropylbenzene	12.422	105	144836	19.228	ug/l	94
74) N-amyl acetate	12.234	43	31092	19.957	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	28967	19.913	ug/l	98
76) 1,2,3-Trichloropropane	12.710	75	18310m	19.677	ug/l	
77) Bromobenzene	12.698	156	31937	19.266	ug/l	80
78) n-propylbenzene	12.763	91	181894	19.385	ug/l	94
79) 2-Chlorotoluene	12.845	91	98145	19.539	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	120534	19.669	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	8926	19.077	ug/l	90
82) 4-Chlorotoluene	12.945	91	102602	19.160	ug/l	96
83) tert-Butylbenzene	13.169	119	102761	19.653	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	120705	19.469	ug/l	96
85) sec-Butylbenzene	13.345	105	159974	19.494	ug/l	96
86) p-Isopropyltoluene	13.457	119	132309	19.684	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	69847	20.282	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	67855	19.915	ug/l	94
89) n-Butylbenzene	13.787	91	130401	19.909	ug/l	98
90) Hexachloroethane	14.051	117	27675	20.614	ug/l	80
91) 1,2-Dichlorobenzene	13.828	146	59307	20.130	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4023	19.729	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	34444	20.212	ug/l	97
94) Hexachlorobutadiene	15.204	225	18778	22.488	ug/l	94
95) Naphthalene	15.328	128	65971	19.416	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	30594	20.390	ug/l	99

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

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