

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030124\
 Data File : VD078580.D
 Acq On : 01 Mar 2024 15:48
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD030124

Quant Time: Mar 02 03:58:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	144081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	244655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	228961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	120459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	65507	45.865	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.720%		
35) Dibromofluoromethane	7.805	113	73832	46.392	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.780%		
50) Toluene-d8	10.269	98	300109	48.529	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.060%		
62) 4-Bromofluorobenzene	12.569	95	85150	48.208	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.420%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	59380	53.033	ug/l	100
3) Chloromethane	2.152	50	119135	59.511	ug/l	98
4) Vinyl Chloride	2.287	62	179871	50.789	ug/l	98
5) Bromomethane	2.693	94	132892	46.982	ug/l	99
6) Chloroethane	2.840	64	130899	49.868	ug/l	97
7) Trichlorofluoromethane	3.175	101	122828	51.291	ug/l	98
8) Diethyl Ether	3.593	74	34890	51.885	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.975	101	76240	50.514	ug/l	98
10) Methyl Iodide	4.164	142	76259	48.285	ug/l	93
11) Tert butyl alcohol	5.058	59	16885	251.168	ug/l #	88
12) 1,1-Dichloroethene	3.946	96	73666	52.282	ug/l	95
13) Acrolein	3.799	56	34452	243.226	ug/l	100
14) Allyl chloride	4.558	41	81368	50.702	ug/l	94
15) Acrylonitrile	5.258	53	69658	251.264	ug/l	98
16) Acetone	4.022	43	66348	242.474	ug/l	88
17) Carbon Disulfide	4.269	76	238368	50.778	ug/l	96
18) Methyl Acetate	4.564	43	28188	54.425	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	148050	51.679	ug/l	99
20) Methylene Chloride	4.811	84	103245	56.519	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	85556	50.536	ug/l	95
22) Diisopropyl ether	6.216	45	191635	53.260	ug/l	95
23) Vinyl Acetate	6.158	43	567529	265.575	ug/l	97
24) 1,1-Dichloroethane	6.116	63	136497	50.214	ug/l	98
25) 2-Butanone	7.081	43	84487	244.776	ug/l #	84
26) 2,2-Dichloropropane	7.081	77	118959	51.802	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	96092	51.836	ug/l	98
28) Bromochloromethane	7.422	49	54849	54.011	ug/l	93
29) Tetrahydrofuran	7.452	42	50908	265.478	ug/l	94
30) Chloroform	7.593	83	149878	51.065	ug/l	92
31) Cyclohexane	7.875	56	112987	50.542	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	130506	51.832	ug/l	98
36) 1,1-Dichloropropene	8.010	75	117984	53.574	ug/l	97
37) Ethyl Acetate	7.169	43	35975	50.416	ug/l	95
38) Carbon Tetrachloride	7.993	117	117568	51.041	ug/l	95
39) Methylcyclohexane	9.275	83	133498	51.648	ug/l	93
40) Benzene	8.252	78	339516	52.012	ug/l	100

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41) Methacrylonitrile	7.399	41	21031	54.989	ug/l	93
42) 1,2-Dichloroethane	8.328	62	81156	49.007	ug/l	97
43) Isopropyl Acetate	8.363	43	65326	47.752	ug/l	98
44) Trichloroethene	9.028	130	92261	51.506	ug/l	100
45) 1,2-Dichloropropane	9.305	63	80730	51.484	ug/l	95
46) Dibromomethane	9.393	93	47189	52.202	ug/l	92
47) Bromodichloromethane	9.581	83	113016	50.704	ug/l	98
48) Methyl methacrylate	9.381	41	33938	54.765	ug/l	84
49) 1,4-Dioxane	9.381	88	9507	957.224	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	181173	256.580	ug/l	94
52) Toluene	10.334	92	223389	53.335	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	108346	52.545	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	125625	50.884	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	63194	49.647	ug/l	97
56) Ethyl methacrylate	10.599	69	68076	53.361	ug/l	94
57) 1,3-Dichloropropane	10.881	76	105466	51.131	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	179345	316.209	ug/l	97
59) 2-Hexanone	10.922	43	133476	254.855	ug/l	95
60) Dibromochloromethane	11.075	129	77987	50.742	ug/l	97
61) 1,2-Dibromoethane	11.181	107	60418	51.720	ug/l	99
64) Tetrachloroethene	10.810	164	76102	52.826	ug/l	95
65) Chlorobenzene	11.604	112	234498	52.009	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	84490	50.335	ug/l	97
67) Ethyl Benzene	11.681	91	422010	54.018	ug/l	97
68) m/p-Xylenes	11.793	106	335861	106.265	ug/l	93
69) o-Xylene	12.122	106	153975	53.702	ug/l	92
70) Styrene	12.134	104	271263	54.581	ug/l	99
71) Bromoform	12.298	173	44740	50.102	ug/l #	100
73) Isopropylbenzene	12.422	105	396904	51.979	ug/l	97
74) N-amyl acetate	12.234	43	65647	51.078	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	69108	47.243	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	45574m	49.537	ug/l	
77) Bromobenzene	12.698	156	94967	51.425	ug/l	95
78) n-propylbenzene	12.763	91	498507	53.372	ug/l	97
79) 2-Chlorotoluene	12.851	91	262170	52.308	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	336824	54.208	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	23039	53.602	ug/l	94
82) 4-Chlorotoluene	12.945	91	270693	50.677	ug/l	100
83) tert-Butylbenzene	13.169	119	286326	53.517	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	335137	52.770	ug/l	98
85) sec-Butylbenzene	13.345	105	437064	52.364	ug/l	97
86) p-Isopropyltoluene	13.457	119	378431	53.859	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	204955	51.942	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	198060	50.100	ug/l	98
89) n-Butylbenzene	13.787	91	343321	52.286	ug/l	98
90) Hexachloroethane	14.051	117	72465	50.722	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	168455	50.259	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8471	43.445	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	101697	51.239	ug/l	98
94) Hexachlorobutadiene	15.204	225	53872	49.331	ug/l	99
95) Naphthalene	15.334	128	182159	51.939	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	88877	50.422	ug/l	98

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

