

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
 Data File : VD075659.D
 Acq On : 13 Apr 2023 14:26
 Operator : KP/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD041323

Quant Time: Apr 14 01:33:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	234238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	394070	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	369953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	188100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	104582	47.038	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.080%		
35) Dibromofluoromethane	7.804	113	128190	48.364	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.720%		
50) Toluene-d8	10.269	98	518070	48.809	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.620%		
62) 4-Bromofluorobenzene	12.575	95	147843	52.404	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	104.800%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	105800	48.611	ug/l	97
3) Chloromethane	2.146	50	192841	49.069	ug/l	100
4) Vinyl Chloride	2.281	62	255186	48.933	ug/l	99
5) Bromomethane	2.687	94	174000	42.733	ug/l	97
6) Chloroethane	2.834	64	165576	47.157	ug/l	99
7) Trichlorofluoromethane	3.169	101	198432	49.108	ug/l	99
8) Diethyl Ether	3.593	74	63696	50.648	ug/l	66
9) 1,1,2-Trichlorotrifluo...	3.963	101	124843	49.269	ug/l	95
10) Methyl Iodide	4.158	142	159884	46.105	ug/l	90
11) Tert butyl alcohol	5.046	59	29611	265.369	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	129524	49.368	ug/l	85
13) Acrolein	3.793	56	54526	242.256	ug/l	99
14) Allyl chloride	4.558	41	118075	49.416	ug/l #	80
15) Acrylonitrile	5.252	53	119164	253.689	ug/l	98
16) Acetone	4.022	43	103688	254.561	ug/l #	77
17) Carbon Disulfide	4.263	76	412183	48.009	ug/l	97
18) Methyl Acetate	4.563	43	68709	50.022	ug/l #	70
19) Methyl tert-butyl Ether	5.311	73	265099	52.065	ug/l	99
20) Methylene Chloride	4.799	84	153806	48.696	ug/l #	72
21) trans-1,2-Dichloroethene	5.311	96	151468	48.475	ug/l #	73
22) Diisopropyl ether	6.216	45	274845	50.905	ug/l #	86
23) Vinyl Acetate	6.152	43	685396	273.303	ug/l #	80
24) 1,1-Dichloroethane	6.110	63	216038	48.288	ug/l	96
25) 2-Butanone	7.081	43	134694	256.831	ug/l #	69
26) 2,2-Dichloropropane	7.075	77	195412	48.178	ug/l	91
27) cis-1,2-Dichloroethene	7.075	96	169267	48.902	ug/l	81
28) Bromochloromethane	7.422	49	66265	46.856	ug/l #	44
29) Tetrahydrofuran	7.440	42	77326	269.618	ug/l #	54
30) Chloroform	7.593	83	242357	47.784	ug/l	97
31) Cyclohexane	7.875	56	166449	47.707	ug/l #	77
32) 1,1,1-Trichloroethane	7.793	97	202938	49.071	ug/l	95
36) 1,1-Dichloropropene	8.004	75	181264	49.572	ug/l	93
37) Ethyl Acetate	7.163	43	56325	50.616	ug/l #	79
38) Carbon Tetrachloride	7.987	117	169239	52.558	ug/l	97
39) Methylcyclohexane	9.275	83	226651	53.603	ug/l	90
40) Benzene	8.246	78	569586	50.107	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	27190	50.917	ug/l #	59
42) 1,2-Dichloroethane	8.322	62	129098	50.000	ug/l	89
43) Isopropyl Acetate	8.357	43	105955	52.216	ug/l #	77
44) Trichloroethene	9.028	130	160426	49.867	ug/l	90
45) 1,2-Dichloropropane	9.304	63	126231	49.554	ug/l	99
46) Dibromomethane	9.393	93	79825	49.396	ug/l	94
47) Bromodichloromethane	9.581	83	186200	50.371	ug/l	99
48) Methyl methacrylate	9.381	41	49330	54.565	ug/l #	58
49) 1,4-Dioxane	9.381	88	15511	967.421	ug/l #	75
51) 4-Methyl-2-Pentanone	10.157	43	284382	262.851	ug/l #	79
52) Toluene	10.334	92	374888	49.597	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	175082	49.408	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	212523	50.477	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	112164	47.936	ug/l	96
56) Ethyl methacrylate	10.598	69	123280	53.537	ug/l #	65
57) 1,3-Dichloropropane	10.881	76	175058	49.280	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	265011	267.975	ug/l #	87
59) 2-Hexanone	10.922	43	206314	271.211	ug/l	70
60) Dibromochloromethane	11.075	129	133263	48.672	ug/l	97
61) 1,2-Dibromoethane	11.181	107	108733	48.714	ug/l	97
64) Tetrachloroethene	10.810	164	129003	48.418	ug/l	97
65) Chlorobenzene	11.610	112	400200	50.505	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	137567	50.500	ug/l	95
67) Ethyl Benzene	11.687	91	690591	53.701	ug/l	97
68) m/p-Xylenes	11.793	106	566376	107.465	ug/l	90
69) o-Xylene	12.122	106	264354	55.471	ug/l	91
70) Styrene	12.134	104	456120	52.094	ug/l	93
71) Bromoform	12.298	173	77353	54.320	ug/l #	99
73) Isopropylbenzene	12.422	105	657174	53.234	ug/l	98
74) N-amyl acetate	12.234	43	99020	54.585	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.675	83	122227	50.969	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	67166m	43.787	ug/l	
77) Bromobenzene	12.704	156	160613	50.466	ug/l	88
78) n-propylbenzene	12.763	91	796368	52.628	ug/l	96
79) 2-Chlorotoluene	12.851	91	424106	49.414	ug/l	91
80) 1,3,5-Trimethylbenzene	12.904	105	537487	52.226	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	38089	53.818	ug/l #	69
82) 4-Chlorotoluene	12.945	91	450552	50.486	ug/l	93
83) tert-Butylbenzene	13.169	119	460871	53.111	ug/l	93
84) 1,2,4-Trimethylbenzene	13.216	105	542288	52.513	ug/l	94
85) sec-Butylbenzene	13.345	105	705750	52.719	ug/l	98
86) p-Isopropyltoluene	13.463	119	591564	53.081	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	331668	50.094	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	324670	49.636	ug/l	97
89) n-Butylbenzene	13.787	91	533096	51.930	ug/l	97
90) Hexachloroethane	14.057	117	109848	49.609	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	287790	50.742	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	15458	48.084	ug/l	73
93) 1,2,4-Trichlorobenzene	15.104	180	163927	49.680	ug/l	98
94) Hexachlorobutadiene	15.204	225	72611	46.041	ug/l	98
95) Naphthalene	15.334	128	326801	52.278	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	143845	49.529	ug/l	98

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

