

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010923\
 Data File : VD075087.D
 Acq On : 09 Jan 2023 12:04
 Operator : KP/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/10/2023
 Supervised By :Mahesh Dadoda 01/10/2023

Quant Time: Jan 10 02:59:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 02:58:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	110382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	185221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	160049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	72756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	5928	5.357	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.720%#		
35) Dibromofluoromethane	7.810	113	6050	5.193	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.380%#		
50) Toluene-d8	10.269	98	25929	5.613	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	11.220%#		
62) 4-Bromofluorobenzene	12.575	95	8696	5.865	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	11.720%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	3377	5.655	ug/l	98
3) Chloromethane	2.146	50	5322	5.680	ug/l	95
4) Vinyl Chloride	2.281	62	4792	4.693	ug/l	98
5) Bromomethane	2.693	94	3875	5.640	ug/l	85
6) Chloroethane	2.834	64	3633	4.729	ug/l	95
7) Trichlorofluoromethane	3.175	101	6920	4.757	ug/l	98
8) Diethyl Ether	3.599	74	2401	4.756	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.975	101	5309	5.260	ug/l	93
10) Methyl Iodide	4.163	142	3841	3.770	ug/l #	96
11) Tert butyl alcohol	5.046	59	2555m	40.189	ug/l	
12) 1,1-Dichloroethene	3.946	96	4752	5.077	ug/l	96
13) Acrolein	3.805	56	2509	24.919	ug/l	96
14) Allyl chloride	4.558	41	7779	4.855	ug/l	98
15) Acrylonitrile	5.263	53	6459	24.817	ug/l #	90
16) Acetone	4.028	43	6080	23.188	ug/l #	87
17) Carbon Disulfide	4.269	76	7344	4.008	ug/l #	93
18) Methyl Acetate	4.563	43	5564	7.120	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	12306	5.020	ug/l	99
20) Methylene Chloride	4.810	84	15475	8.315	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	5140	5.009	ug/l #	81
22) Diisopropyl ether	6.216	45	17109	4.989	ug/l #	94
23) Vinyl Acetate	6.163	43	22550m	21.249	ug/l	
24) 1,1-Dichloroethane	6.116	63	10814	5.244	ug/l	97
25) 2-Butanone	7.087	43	8721	25.108	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	9677	5.232	ug/l	88
27) cis-1,2-Dichloroethene	7.087	96	6451	4.979	ug/l	87
28) Bromochloromethane	7.422	49	3606	5.041	ug/l #	94
29) Tetrahydrofuran	7.446	42	4966	25.414	ug/l #	75
30) Chloroform	7.593	83	10816	5.176	ug/l	88
31) Cyclohexane	7.869	56	9885	6.051	ug/l #	87
32) 1,1,1-Trichloroethane	7.798	97	9431	5.259	ug/l	94
36) 1,1-Dichloropropene	8.004	75	7310	5.071	ug/l	98
37) Ethyl Acetate	7.175	43	5055	6.277	ug/l	95
38) Carbon Tetrachloride	7.998	117	5550	4.395	ug/l	91
39) Methylcyclohexane	9.275	83	8287	4.970	ug/l #	83
40) Benzene	8.251	78	21934	5.100	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	2643	5.653	ug/l #	83
42) 1,2-Dichloroethane	8.328	62	6185	5.132	ug/l	85
43) Isopropyl Acetate	8.363	43	6699	4.829	ug/l	99
44) Trichloroethene	9.028	130	6610	5.347	ug/l	98
45) 1,2-Dichloropropane	9.304	63	5960	5.086	ug/l	100
46) Dibromomethane	9.398	93	2835	4.787	ug/l	94
47) Bromodichloromethane	9.581	83	7553	4.883	ug/l #	98
48) Methyl methacrylate	9.375	41	3260	5.216	ug/l	95
49) 1,4-Dioxane	9.381	88	640	99.220	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	17375	24.805	ug/l	97
52) Toluene	10.334	92	14759	5.293	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	6796	4.808	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	8490	4.904	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	4439	5.146	ug/l #	92
56) Ethyl methacrylate	10.598	69	5091	4.886	ug/l	97
57) 1,3-Dichloropropane	10.881	76	7267	5.071	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	7507	19.083	ug/l	97
59) 2-Hexanone	10.922	43	11693	23.865	ug/l	100
60) Dibromochloromethane	11.075	129	5051	4.945	ug/l	94
61) 1,2-Dibromoethane	11.175	107	3955	5.050	ug/l	92
64) Tetrachloroethene	10.816	164	6109	5.952	ug/l	94
65) Chlorobenzene	11.610	112	16404	5.445	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	5577	5.239	ug/l	99
67) Ethyl Benzene	11.687	91	28623	5.336	ug/l	95
68) m/p-Xylenes	11.798	106	22606	10.933	ug/l	98
69) o-Xylene	12.122	106	10846	5.412	ug/l	95
70) Styrene	12.139	104	18366	5.484	ug/l	98
71) Bromoform	12.304	173	2698	4.716	ug/l #	89
73) Isopropylbenzene	12.422	105	27697	5.091	ug/l	98
74) N-amyl acetate	12.234	43	6029	4.879	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	4623	4.959	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	3096m	4.066	ug/l	
77) Bromobenzene	12.704	156	6231	5.232	ug/l	95
78) n-propylbenzene	12.763	91	33472	5.130	ug/l	99
79) 2-Chlorotoluene	12.851	91	19264	5.373	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	23727	5.376	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	1247	4.770	ug/l	94
82) 4-Chlorotoluene	12.945	91	19663	5.354	ug/l	99
83) tert-Butylbenzene	13.169	119	20974	5.385	ug/l	100
84) 1,2,4-Trimethylbenzene	13.216	105	22568	5.291	ug/l	97
85) sec-Butylbenzene	13.351	105	30482	5.165	ug/l	97
86) p-Isopropyltoluene	13.463	119	24742	5.190	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	12659	5.339	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	12785	5.332	ug/l	90
89) n-Butylbenzene	13.792	91	24218	5.166	ug/l	97
90) Hexachloroethane	14.057	117	4042	4.864	ug/l	93
91) 1,2-Dichlorobenzene	13.833	146	11238	5.295	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	868	5.789	ug/l	66
93) 1,2,4-Trichlorobenzene	15.098	180	7011	5.109	ug/l	98
94) Hexachlorobutadiene	15.210	225	3235	4.729	ug/l	87
95) Naphthalene	15.333	128	13029	4.835	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	5747	4.848	ug/l	97

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VSTDICC005

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

