

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
 Data File : VD077893.D
 Acq On : 15 Dec 2023 09:36
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

Quant Time: Dec 16 03:56:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	135961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	226822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	208154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	111571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	79389	49.553	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.100%		
35) Dibromofluoromethane	7.810	113	81672	51.405	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.800%		
50) Toluene-d8	10.269	98	336174	52.829	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	105.660%		
62) 4-Bromofluorobenzene	12.575	95	96990	50.980	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	101.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	85512	50.349	ug/l	99
3) Chloromethane	2.152	50	129809	56.073	ug/l	100
4) Vinyl Chloride	2.293	62	181803	57.848	ug/l	98
5) Bromomethane	2.699	94	122152	69.268	ug/l	98
6) Chloroethane	2.846	64	122472	57.160	ug/l	97
7) Trichlorofluoromethane	3.181	101	159884	55.238	ug/l	99
8) Diethyl Ether	3.599	74	43719	53.790	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.969	101	93277	56.331	ug/l	97
10) Methyl Iodide	4.169	142	93568	62.522	ug/l	92
11) Tert butyl alcohol	5.046	59	20872	271.504	ug/l #	90
12) 1,1-Dichloroethene	3.946	96	92126	56.370	ug/l	88
13) Acrolein	3.805	56	39857	235.182	ug/l	96
14) Allyl chloride	4.563	41	117770	52.395	ug/l	89
15) Acrylonitrile	5.263	53	99469	285.837	ug/l	99
16) Acetone	4.022	43	92863	270.829	ug/l	88
17) Carbon Disulfide	4.275	76	287531	52.003	ug/l	97
18) Methyl Acetate	4.563	43	73480	58.237	ug/l	90
19) Methyl tert-butyl Ether	5.316	73	197487	56.955	ug/l	97
20) Methylene Chloride	4.805	84	103636	55.118	ug/l #	80
21) trans-1,2-Dichloroethene	5.322	96	105943	57.232	ug/l	96
22) Diisopropyl ether	6.216	45	262420	55.868	ug/l	91
23) Vinyl Acetate	6.157	43	615162	268.186	ug/l	95
24) 1,1-Dichloroethane	6.116	63	176598	55.518	ug/l	97
25) 2-Butanone	7.081	43	115263	262.477	ug/l #	86
26) 2,2-Dichloropropane	7.081	77	153689	57.547	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	117244	58.862	ug/l	92
28) Bromochloromethane	7.428	49	66014	51.359	ug/l	81
29) Tetrahydrofuran	7.446	42	67990	266.502	ug/l	89
30) Chloroform	7.599	83	180167	56.594	ug/l	96
31) Cyclohexane	7.881	56	147062	51.607	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	157315	56.055	ug/l	99
36) 1,1-Dichloropropene	8.010	75	142583	56.104	ug/l	97
37) Ethyl Acetate	7.169	43	49516	49.969	ug/l #	73
38) Carbon Tetrachloride	7.993	117	145389	57.384	ug/l	98
39) Methylcyclohexane	9.275	83	170967	56.747	ug/l	93
40) Benzene	8.251	78	412453	57.182	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	25010m	49.657	ug/l	
42) 1,2-Dichloroethane	8.328	62	102512	54.828	ug/l	95
43) Isopropyl Acetate	8.363	43	97631	55.424	ug/l #	91
44) Trichloroethene	9.028	130	105491	56.121	ug/l	91
45) 1,2-Dichloropropane	9.304	63	100754	57.460	ug/l	100
46) Dibromomethane	9.393	93	53018	57.145	ug/l	95
47) Bromodichloromethane	9.587	83	132800	56.472	ug/l	95
48) Methyl methacrylate	9.381	41	53594	53.522	ug/l	83
49) 1,4-Dioxane	9.387	88	10423	1131.392	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	249589	277.625	ug/l	91
52) Toluene	10.334	92	262516	58.672	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	129538	57.363	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	157259	57.598	ug/l #	85
55) 1,1,2-Trichloroethane	10.734	97	70985	55.935	ug/l	92
56) Ethyl methacrylate	10.598	69	64590	57.736	ug/l #	88
57) 1,3-Dichloropropane	10.881	76	125245	57.255	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	160379	251.388	ug/l	94
59) 2-Hexanone	10.922	43	182336	244.463	ug/l	89
60) Dibromochloromethane	11.075	129	89377	58.496	ug/l	96
61) 1,2-Dibromoethane	11.181	107	67069	56.143	ug/l	99
64) Tetrachloroethene	10.810	164	86417	56.485	ug/l	91
65) Chlorobenzene	11.610	112	269503	55.114	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	99680	57.587	ug/l	98
67) Ethyl Benzene	11.687	91	501904	57.916	ug/l	99
68) m/p-Xylenes	11.792	106	390962	117.943	ug/l	93
69) o-Xylene	12.122	106	180519	59.090	ug/l	94
70) Styrene	12.134	104	272955	60.087	ug/l	96
71) Bromoform	12.304	173	52239	57.759	ug/l #	97
73) Isopropylbenzene	12.422	105	486017	57.475	ug/l	95
74) N-amyl acetate	12.234	43	84634	50.916	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	82166	55.727	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	46922m	48.423	ug/l	
77) Bromobenzene	12.704	156	108825	54.714	ug/l	90
78) n-propylbenzene	12.763	91	587974	57.063	ug/l	96
79) 2-Chlorotoluene	12.851	91	305309	55.289	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	398081	56.444	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	27566	57.637	ug/l	97
82) 4-Chlorotoluene	12.945	91	326891	56.626	ug/l	95
83) tert-Butylbenzene	13.169	119	347251	58.321	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	410568	58.203	ug/l	96
85) sec-Butylbenzene	13.345	105	516793	58.719	ug/l	95
86) p-Isopropyltoluene	13.463	119	458897	58.237	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	228998	56.300	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	223175	55.136	ug/l	99
89) n-Butylbenzene	13.786	91	432044	58.269	ug/l	98
90) Hexachloroethane	14.057	117	86548	59.723	ug/l	96
91) 1,2-Dichlorobenzene	13.833	146	192575	55.669	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	12597	59.159	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	122474	51.833	ug/l	99
94) Hexachlorobutadiene	15.204	225	70566	55.382	ug/l	99
95) Naphthalene	15.333	128	223818	57.010	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	104916	53.859	ug/l	97

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

