

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122921\
 Data File : VD071520.D
 Acq On : 29 Dec 2021 11:14
 Operator : VA/SY
 Sample : VD1229SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1229SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/01/2022
 Supervised By :Semsettin Yesilyurt 01/01/2022

Quant Time: Dec 29 15:24:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	307983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	521390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	486426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	232474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	203571	49.769	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.540%		
35) Dibromofluoromethane	7.908	113	182347	52.037	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.080%		
50) Toluene-d8	10.338	98	665906	50.286	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.580%		
62) 4-Bromofluorobenzene	12.620	95	240120	51.028	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	68309	21.167	ug/l	98
3) Chloromethane	2.215	50	88820	21.494	ug/l	95
4) Vinyl Chloride	2.350	62	100946	20.385	ug/l	99
5) Bromomethane	2.756	94	74235	21.429	ug/l	93
6) Chloroethane	2.915	64	71000	21.604	ug/l	98
7) Trichlorofluoromethane	3.273	101	136274	22.479	ug/l	98
8) Diethyl Ether	3.709	74	36597	21.087	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.097	101	78853	22.358	ug/l	96
10) Methyl Iodide	4.297	142	57509	16.767	ug/l	94
11) Tert butyl alcohol	5.179	59	44708	120.788	ug/l #	79
12) 1,1-Dichloroethene	4.067	96	70525	21.979	ug/l	83
13) Acrolein	3.920	56	17685	89.504	ug/l	99
14) Allyl chloride	4.720	41	130708	21.537	ug/l #	78
15) Acrylonitrile	5.420	53	91489	107.044	ug/l	96
16) Acetone	4.156	43	105642	102.825	ug/l #	82
17) Carbon Disulfide	4.414	76	198009	18.940	ug/l	96
18) Methyl Acetate	4.720	43	66373	20.931	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	176596	21.320	ug/l	93
20) Methylene Chloride	4.967	84	101174	22.279	ug/l	92
21) trans-1,2-Dichloroethene	5.479	96	77105	20.747	ug/l	92
22) Diisopropyl ether	6.361	45	272581	22.062	ug/l	90
23) Vinyl Acetate	6.308	43	660603	103.719	ug/l #	94
24) 1,1-Dichloroethane	6.261	63	159994	22.589	ug/l	99
25) 2-Butanone	7.208	43	125266	102.077	ug/l	93
26) 2,2-Dichloropropane	7.203	77	132337	22.739	ug/l	94
27) cis-1,2-Dichloroethene	7.208	96	88773	21.596	ug/l	89
28) Bromochloromethane	7.544	49	60394	20.808	ug/l	88
29) Tetrahydrofuran	7.555	42	75990	103.134	ug/l	95
30) Chloroform	7.708	83	162098	22.681	ug/l	99
31) Cyclohexane	7.985	56	137955	19.854	ug/l #	89
32) 1,1,1-Trichloroethane	7.902	97	141777	22.368	ug/l #	92
36) 1,1-Dichloropropene	8.114	75	121679	21.735	ug/l	97
37) Ethyl Acetate	7.291	43	54917	21.248	ug/l	96
38) Carbon Tetrachloride	8.097	117	127346	23.056	ug/l	92
39) Methylcyclohexane	9.355	83	135675	20.703	ug/l	94
40) Benzene	8.350	78	324605	21.568	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	29685	19.337	ug/l #	86
42) 1,2-Dichloroethane	8.420	62	109089	22.229	ug/l	94
43) Isopropyl Acetate	8.450	43	105720	20.612	ug/l #	89
44) Trichloroethene	9.108	130	87805	22.388	ug/l	98
45) 1,2-Dichloropropane	9.385	63	87996	22.533	ug/l	94
46) Dibromomethane	9.467	93	46126	21.379	ug/l	94
47) Bromodichloromethane	9.655	83	124076	22.651	ug/l	98
48) Methyl methacrylate	9.449	41	49740	19.597	ug/l #	80
49) 1,4-Dioxane	9.461	88	10218	419.096	ug/l #	91
51) 4-Methyl-2-Pentanone	10.226	43	278571	103.232	ug/l	89
52) Toluene	10.396	92	209320	21.895	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	109134	21.335	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	127509	21.572	ug/l #	72
55) 1,1,2-Trichloroethane	10.791	97	60282	22.012	ug/l	95
56) Ethyl methacrylate	10.655	69	75142	20.851	ug/l #	73
57) 1,3-Dichloropropane	10.938	76	108007	21.531	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	174478	101.071	ug/l	98
59) 2-Hexanone	10.979	43	197043	103.303	ug/l	87
60) Dibromochloromethane	11.132	129	77950	22.643	ug/l	98
61) 1,2-Dibromoethane	11.238	107	59262	21.848	ug/l	99
64) Tetrachloroethene	10.873	164	71622	21.188	ug/l	98
65) Chlorobenzene	11.667	112	220062	22.055	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.732	131	82139	22.534	ug/l	98
67) Ethyl Benzene	11.738	91	411151	22.142	ug/l	98
68) m/p-Xylenes	11.843	106	313020	44.370	ug/l	96
69) o-Xylene	12.173	106	141776	21.986	ug/l	93
70) Styrene	12.185	104	243684	21.753	ug/l	95
71) Bromoform	12.355	173	43106	21.854	ug/l #	98
73) Isopropylbenzene	12.473	105	393398	21.950	ug/l	97
74) N-amyl acetate	12.279	43	101471	21.102	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.720	83	70086	21.629	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	60334m	21.843	ug/l	
77) Bromobenzene	12.749	156	88956	22.305	ug/l	99
78) n-propylbenzene	12.814	91	500938	22.298	ug/l	100
79) 2-Chlorotoluene	12.896	91	276163	21.997	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	329165	22.266	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	20203	20.666	ug/l #	77
82) 4-Chlorotoluene	12.996	91	290791	22.329	ug/l	99
83) tert-Butylbenzene	13.214	119	277018	21.930	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	326345	22.305	ug/l	97
85) sec-Butylbenzene	13.390	105	428130	22.231	ug/l	100
86) p-Isopropyltoluene	13.508	119	354975	22.215	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	177769	22.133	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	175819	22.325	ug/l	98
89) n-Butylbenzene	13.832	91	350809	22.368	ug/l	98
90) Hexachloroethane	14.096	117	68491	22.626	ug/l	90
91) 1,2-Dichlorobenzene	13.879	146	152317	22.345	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	12491	22.229	ug/l	87
93) 1,2,4-Trichlorobenzene	15.143	180	88815	21.381	ug/l	96
94) Hexachlorobutadiene	15.249	225	47996	21.569	ug/l	95
95) Naphthalene	15.384	128	164484	20.803	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	74586	20.759	ug/l	94

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

