

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121721\
 Data File : VD071378.D
 Acq On : 17 Dec 2021 11:43
 Operator : VA/SY
 Sample : VD1217SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1217SBS01

Quant Time: Dec 19 01:51:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 12/19/2021
 Supervised By : Mahesh Dadoda 12/22/2021

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	238122	50.000	ug/l	-0.03
34) 1,4-Difluorobenzene	8.861	114	402728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	386727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	200823	50.000	ug/l	0.00

12/19/2021
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 Dadoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	162780	58.259	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.520%	
35) Dibromofluoromethane	7.909	113	149740	58.389	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.780%	
50) Toluene-d8	10.332	98	497041	50.930	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.860%	
62) 4-Bromofluorobenzene	12.620	95	191809	56.699	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.400%	

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Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	43918	21.628	ug/l	98
3) Chloromethane	2.209	50	63889	23.782	ug/l	99
4) Vinyl Chloride	2.350	62	75571	25.214	ug/l	98
5) Bromomethane	2.750	94	55965	25.903	ug/l	91
6) Chloroethane	2.909	64	55200	26.778	ug/l #	85
7) Trichlorofluoromethane	3.268	101	88499	21.797	ug/l	94
8) Diethyl Ether	3.703	74	24550	22.304	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.097	101	53939	22.518	ug/l	93
10) Methyl Iodide	4.297	142	39377	17.411	ug/l	95
11) Tert butyl alcohol	5.209	59	35976	183.011	ug/l #	86
12) 1,1-Dichloroethene	4.062	96	45165	20.431	ug/l	97
13) Acrolein	3.921	56	19453	101.881	ug/l	100
14) Allyl chloride	4.715	41	82977	19.762	ug/l #	78
15) Acrylonitrile	5.426	53	70831	132.319	ug/l	97
16) Acetone	4.156	43	77000	121.795	ug/l #	77
17) Carbon Disulfide	4.409	76	116524	18.004	ug/l	96
18) Methyl Acetate	4.715	43	55410	26.878	ug/l	96
19) Methyl tert-butyl Ether	5.468	73	119712	22.097	ug/l	98
20) Methylene Chloride	4.968	84	77560	25.458	ug/l	94
21) trans-1,2-Dichloroethene	5.468	96	51150	20.555	ug/l	95
22) Diisopropyl ether	6.362	45	186292	22.144	ug/l	90
23) Vinyl Acetate	6.303	43	360576	97.849	ug/l	96
24) 1,1-Dichloroethane	6.262	63	107133	22.141	ug/l	98
25) 2-Butanone	7.209	43	97566	129.302	ug/l #	86
26) 2,2-Dichloropropane	7.209	77	83976	19.086	ug/l	96
27) cis-1,2-Dichloroethene	7.209	96	58178	20.666	ug/l	89
28) Bromochloromethane	7.544	49	53484	25.449	ug/l	87
29) Tetrahydrofuran	7.561	42	58091	130.932	ug/l	94
30) Chloroform	7.709	83	109295	22.507	ug/l	99
31) Cyclohexane	7.991	56	89763	18.887	ug/l	92
32) 1,1,1-Trichloroethane	7.903	97	95768	21.966	ug/l #	92
36) 1,1-Dichloropropene	8.109	75	79035	20.998	ug/l	97
37) Ethyl Acetate	7.291	43	43323	26.645	ug/l #	77
38) Carbon Tetrachloride	8.097	117	82946	22.355	ug/l	96
39) Methylcyclohexane	9.350	83	87184	19.257	ug/l	94
40) Benzene	8.350	78	215176	21.046	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.509	41	24864	34.194	ug/l	#	52
42) 1,2-Dichloroethane	8.420	62	74360	23.827	ug/l		96
43) Isopropyl Acetate	8.444	43	78650	24.910	ug/l	#	89
44) Trichloroethene	9.103	130	57994	21.274	ug/l		99
45) 1,2-Dichloropropane	9.385	63	58932	21.918	ug/l	#	88
46) Dibromomethane	9.467	93	32504	23.301	ug/l		94
47) Bromodichloromethane	9.656	83	84826	22.993	ug/l		93
48) Methyl methacrylate	9.450	41	36784	23.112	ug/l	#	84
49) 1,4-Dioxane	9.450	88	7266	539.588	ug/l	#	81
51) 4-Methyl-2-Pentanone	10.220	43	212092	132.149	ug/l		89
52) Toluene	10.397	92	135122	20.829	ug/l		98
53) t-1,3-Dichloropropene	10.614	75	75107	22.143	ug/l		99
54) cis-1,3-Dichloropropene	10.085	75	87052	21.606	ug/l	#	84
55) 1,1,2-Trichloroethane	10.791	97	44456	24.293	ug/l		92
56) Ethyl methacrylate	10.655	69	51927	23.327	ug/l	#	72
57) 1,3-Dichloropropane	10.938	76	77288	24.041	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.938	63	174797	140.367	ug/l		97
59) 2-Hexanone	10.973	43	152424	129.648	ug/l		88
60) Dibromochloromethane	11.132	129	55169	24.256	ug/l		96
61) 1,2-Dibromoethane	11.238	107	42980	24.455	ug/l		97
64) Tetrachloroethene	10.867	164	45913	18.701	ug/l		96
65) Chlorobenzene	11.661	112	147012	20.488	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.738	131	56318	21.496	ug/l		99
67) Ethyl Benzene	11.738	91	261554	19.363	ug/l		99
68) m/p-Xylenes	11.844	106	197100	38.649	ug/l		96
69) o-Xylene	12.173	106	92480	19.294	ug/l		97
70) Styrene	12.185	104	159762	19.777	ug/l		96
71) Bromoform	12.355	173	32454	23.911	ug/l	#	100
73) Isopropylbenzene	12.473	105	252796	17.385	ug/l		97
74) N-amyl acetate	12.279	43	68360	20.914	ug/l		91
75) 1,1,2,2-Tetrachloroethane	12.714	83	54164	22.619	ug/l		99
76) 1,2,3-Trichloropropane	12.773	75	40227m	21.024	ug/l		
77) Bromobenzene	12.749	156	57816	18.357	ug/l		95
78) n-propylbenzene	12.814	91	324031	17.894	ug/l		100
79) 2-Chlorotoluene	12.897	91	183380	18.043	ug/l		99
80) 1,3,5-Trimethylbenzene	12.949	105	210537	17.558	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.520	75	13591	20.469	ug/l	#	70
82) 4-Chlorotoluene	12.997	91	189943	18.001	ug/l		97
83) tert-Butylbenzene	13.214	119	181976	17.671	ug/l		96
84) 1,2,4-Trimethylbenzene	13.255	105	216141	18.463	ug/l		99
85) sec-Butylbenzene	13.391	105	280519	17.835	ug/l		98
86) p-Isopropyltoluene	13.502	119	227461	17.682	ug/l		96
87) 1,3-Dichlorobenzene	13.502	146	120035	19.145	ug/l		99
88) 1,4-Dichlorobenzene	13.585	146	117809	18.966	ug/l		95
89) n-Butylbenzene	13.832	91	228600	18.204	ug/l		97
90) Hexachloroethane	14.096	117	47656	19.542	ug/l		92
91) 1,2-Dichlorobenzene	13.879	146	105997	19.880	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	9070	23.258	ug/l		98
93) 1,2,4-Trichlorobenzene	15.143	180	63048	18.957	ug/l		97
94) Hexachlorobutadiene	15.249	225	34487	18.327	ug/l		99
95) Naphthalene	15.385	128	117418	20.027	ug/l		98
96) 1,2,3-Trichlorobenzene	15.579	180	54198	19.187	ug/l		96

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

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