

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120921\
 Data File : VD071221.D
 Acq On : 09 Dec 2021 11:36
 Operator : VA/SY
 Sample : VD1209SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1209SBS01

Quant Time: Dec 10 06:41:59 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 12/10/2021
 Supervised By :Amit Patel 12/14/2021

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	245687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	407960	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	365936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	174266	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	133728	46.39	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.78%		
35) Dibromofluoromethane	7.914	113	126357	48.64	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.28%		
50) Toluene-d8	10.338	98	457022	46.23	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.46%		
62) 4-Bromofluorobenzene	12.626	95	161890	47.24	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.48%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	40367	19.27	ug/l	97
3) Chloromethane	2.215	50	53958	19.47	ug/l	98
4) Vinyl Chloride	2.356	62	63226	20.45	ug/l	96
5) Bromomethane	2.768	94	46786	20.99	ug/l	96
6) Chloroethane	2.926	64	44028	20.70	ug/l #	84
7) Trichlorofluoromethane	3.285	101	79803	19.05	ug/l	97
8) Diethyl Ether	3.715	74	17509	15.42	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.109	101	45480	18.40	ug/l	98
10) Methyl Iodide	4.309	142	34221	15.38	ug/l	94
11) Tert butyl alcohol	5.203	59	27645	106.76	ug/l #	76
12) 1,1-Dichloroethene	4.073	96	40550	17.78	ug/l	83
13) Acrolein	3.926	56	14775	75.00	ug/l	94
14) Allyl chloride	4.720	41	74284	17.15	ug/l #	80
15) Acrylonitrile	5.432	53	47526	86.05	ug/l #	80
16) Acetone	4.162	43	49077	87.01	ug/l #	83
17) Carbon Disulfide	4.409	76	119518	17.90	ug/l	96
18) Methyl Acetate	4.715	43	34791	16.36	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	93462	16.72	ug/l	99
20) Methylene Chloride	4.968	84	55761	16.36	ug/l	90
21) trans-1,2-Dichloroethene	5.479	96	46134	17.97	ug/l	85
22) Diisopropyl ether	6.367	45	151386	17.44	ug/l	90
23) Vinyl Acetate	6.309	43	331380	90.13	ug/l	99
24) 1,1-Dichloroethane	6.267	63	91740	18.38	ug/l	97
25) 2-Butanone	7.214	43	62369	90.90	ug/l #	84
26) 2,2-Dichloropropane	7.214	77	72981	16.08	ug/l	96
27) cis-1,2-Dichloroethene	7.214	96	50860	17.51	ug/l	89
28) Bromochloromethane	7.544	49	44877	20.70	ug/l	92
29) Tetrahydrofuran	7.567	42	38943	85.07	ug/l	92
30) Chloroform	7.714	83	89971	17.96	ug/l	95
31) Cyclohexane	7.991	56	86998	17.74	ug/l	99
32) 1,1,1-Trichloroethane	7.903	97	82607	18.36	ug/l	94
36) 1,1-Dichloropropene	8.114	75	71096	18.65	ug/l	95
37) Ethyl Acetate	7.291	43	28476	17.29	ug/l #	87
38) Carbon Tetrachloride	8.097	117	70859	18.85	ug/l	98
39) Methylcyclohexane	9.356	83	80937	17.65	ug/l	94
40) Benzene	8.350	78	187728	18.13	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	15231	20.13	ug/l #	83
42) 1,2-Dichloroethane	8.426	62	57294	18.12	ug/l	96
43) Isopropyl Acetate	8.450	43	55851	19.02	ug/l #	90
44) Trichloroethene	9.108	130	51506	18.65	ug/l	99
45) 1,2-Dichloropropane	9.385	63	51186	18.79	ug/l	98
46) Dibromomethane	9.473	93	24437	17.29	ug/l	97
47) Bromodichloromethane	9.661	83	68110	18.23	ug/l	97
48) Methyl methacrylate	9.456	41	27208	16.88	ug/l #	82
49) 1,4-Dioxane	9.461	88	5318	389.86	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	135786	94.80	ug/l	90
52) Toluene	10.403	92	122385	18.62	ug/l	94
53) t-1,3-Dichloropropene	10.614	75	58025	16.89	ug/l	90
54) cis-1,3-Dichloropropene	10.085	75	71621	17.55	ug/l #	84
55) 1,1,2-Trichloroethane	10.797	97	33504	18.07	ug/l	95
56) Ethyl methacrylate	10.655	69	38019	18.52	ug/l #	73
57) 1,3-Dichloropropane	10.944	76	59699	18.33	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	125820	99.74	ug/l	99
59) 2-Hexanone	10.979	43	94621	92.84	ug/l	87
60) Dibromochloromethane	11.138	129	40337	17.51	ug/l	97
61) 1,2-Dibromoethane	11.238	107	31314	17.59	ug/l	100
64) Tetrachloroethene	10.873	164	41399	17.82	ug/l	92
65) Chlorobenzene	11.667	112	124252	18.30	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	45955	18.54	ug/l	97
67) Ethyl Benzene	11.738	91	226241	17.70	ug/l	99
68) m/p-Xylenes	11.850	106	169994	35.23	ug/l	96
69) o-Xylene	12.173	106	79241	17.47	ug/l	95
70) Styrene	12.185	104	133802	17.50	ug/l	98
71) Bromoform	12.349	173	22023	17.15	ug/l #	97
73) Isopropylbenzene	12.473	105	217994	17.28	ug/l	100
74) N-amyl acetate	12.279	43	46982	17.75	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.726	83	36429	17.53	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	28708m	17.29	ug/l	
77) Bromobenzene	12.755	156	46018	16.84	ug/l	97
78) n-propylbenzene	12.814	91	273881	17.43	ug/l	99
79) 2-Chlorotoluene	12.897	91	148869	16.88	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	177390	17.05	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	8459	16.31	ug/l #	64
82) 4-Chlorotoluene	12.996	91	158467	17.31	ug/l	99
83) tert-Butylbenzene	13.214	119	152014	17.01	ug/l	95
84) 1,2,4-Trimethylbenzene	13.261	105	176694	17.39	ug/l	98
85) sec-Butylbenzene	13.391	105	237556	17.41	ug/l	98
86) p-Isopropyltoluene	13.508	119	192277	17.22	ug/l	96
87) 1,3-Dichlorobenzene	13.508	146	96190	17.68	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	94708	17.57	ug/l	97
89) n-Butylbenzene	13.832	91	189519	17.39	ug/l	98
90) Hexachloroethane	14.096	117	35926	16.98	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	82842	17.90	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.491	75	5863	17.33	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	45802	15.87	ug/l	97
94) Hexachlorobutadiene	15.249	225	28815	17.65	ug/l	97
95) Naphthalene	15.385	128	79123	15.55	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	38745	15.81	ug/l	94

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

