

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
 Data File : VD070880.D
 Acq On : 28 Oct 2021 00:16
 Operator : VA/SY
 Sample : VD1027SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1027SBS02

Manual Integrations
 APPROVED

MMDadoda
 10/29/2021 4:34:45 PM

Quant Time: Oct 28 04:05:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	499292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	793479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	754520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	387212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	200115	39.851	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	79.700%		
35) Dibromofluoromethane	7.914	113	254276	48.602	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.200%		
50) Toluene-d8	10.332	98	983770	49.981	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.960%		
62) 4-Bromofluorobenzene	12.620	95	333019	51.279	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	74791	16.152	ug/l	88
3) Chloromethane	2.209	50	94786	14.463	ug/l	98
4) Vinyl Chloride	2.344	62	105368	14.534	ug/l	98
5) Bromomethane	2.750	94	82678	15.375	ug/l	99
6) Chloroethane	2.914	64	66634	14.877	ug/l	92
7) Trichlorofluoromethane	3.273	101	139945	15.673	ug/l	100
8) Diethyl Ether	3.708	74	45670	18.461	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.097	101	98218	17.066	ug/l	94
10) Methyl Iodide	4.291	142	104568	19.648	ug/l	94
11) Tert butyl alcohol	5.220	59	21342	79.968	ug/l #	88
12) 1,1-Dichloroethene	4.061	96	88921	17.650	ug/l #	78
13) Acrolein	3.926	56	17419	72.783	ug/l	95
14) Allyl chloride	4.708	41	114506	14.509	ug/l	91
15) Acrylonitrile	5.426	53	96042	81.047	ug/l	98
16) Acetone	4.156	43	62355	53.373	ug/l #	79
17) Carbon Disulfide	4.408	76	270802	15.205	ug/l	96
18) Methyl Acetate	4.714	43	58861	14.696	ug/l #	84
19) Methyl tert-butyl Ether	5.479	73	184367	17.593	ug/l	94
20) Methylene Chloride	4.955	84	145942	19.200	ug/l	88
21) trans-1,2-Dichloroethene	5.467	96	106127	17.777	ug/l	95
22) Diisopropyl ether	6.361	45	258854	15.817	ug/l #	94
23) Vinyl Acetate	6.308	43	533053	75.180	ug/l #	89
24) 1,1-Dichloroethane	6.261	63	180873	16.397	ug/l	96
25) 2-Butanone	7.208	43	96271	66.950	ug/l	91
26) 2,2-Dichloropropane	7.202	77	130042	14.776	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	119877	18.737	ug/l	88
28) Bromochloromethane	7.544	49	62243	14.390	ug/l #	71
29) Tetrahydrofuran	7.561	42	64120	73.809	ug/l #	86
30) Chloroform	7.708	83	194116	17.533	ug/l	99
31) Cyclohexane	7.979	56	145699	14.239	ug/l #	82
32) 1,1,1-Trichloroethane	7.896	97	157205	16.626	ug/l	97
36) 1,1-Dichloropropene	8.108	75	134890	16.248	ug/l	95
37) Ethyl Acetate	7.285	43	48817	15.815	ug/l	96
38) Carbon Tetrachloride	8.091	117	139177	16.671	ug/l	97
39) Methylcyclohexane	9.349	83	154857	16.210	ug/l	91
40) Benzene	8.349	78	430784	17.848	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	31417m	19.241	ug/l	
42) 1,2-Dichloroethane	8.414	62	96641	15.726	ug/l	91
43) Isopropyl Acetate	8.449	43	87908	15.321	ug/l #	93
44) Trichloroethene	9.108	130	122477	19.640	ug/l	99
45) 1,2-Dichloropropane	9.385	63	104882	16.390	ug/l	93
46) Dibromomethane	9.473	93	57333	18.275	ug/l	88
47) Bromodichloromethane	9.655	83	139664	17.221	ug/l #	94
48) Methyl methacrylate	9.449	41	38545	14.060	ug/l #	76
49) 1,4-Dioxane	9.455	88	13065	390.186	ug/l #	91
51) 4-Methyl-2-Pentanone	10.220	43	229551	76.296	ug/l	93
52) Toluene	10.396	92	287120	19.794	ug/l	94
53) t-1,3-Dichloropropene	10.608	75	123054	17.409	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	153661	17.607	ug/l #	89
55) 1,1,2-Trichloroethane	10.790	97	85393	19.192	ug/l	97
56) Ethyl methacrylate	10.655	69	88174	18.097	ug/l #	85
57) 1,3-Dichloropropane	10.938	76	131937	17.599	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	180904	85.523	ug/l	90
59) 2-Hexanone	10.979	43	152212	70.869	ug/l	92
60) Dibromochloromethane	11.132	129	105486	19.759	ug/l	100
61) 1,2-Dibromoethane	11.238	107	79432	19.340	ug/l	99
64) Tetrachloroethene	10.867	164	110900	21.423	ug/l	96
65) Chlorobenzene	11.661	112	308351	19.919	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.737	131	113607	19.783	ug/l	98
67) Ethyl Benzene	11.737	91	496964	18.436	ug/l	97
68) m/p-Xylenes	11.843	106	418495	39.872	ug/l	95
69) o-Xylene	12.173	106	185553	19.519	ug/l	94
70) Styrene	12.185	104	325707	19.783	ug/l	97
71) Bromoform	12.355	173	64932	21.397	ug/l #	98
73) Isopropylbenzene	12.467	105	486112	18.822	ug/l	98
74) N-amyl acetate	12.279	43	79200	13.943	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	90921	17.252	ug/l	96
76) 1,2,3-Trichloropropane	12.767	75	53375m	14.003	ug/l	
77) Bromobenzene	12.749	156	131620	20.916	ug/l	86
78) n-propylbenzene	12.808	91	594224	17.925	ug/l	96
79) 2-Chlorotoluene	12.896	91	349188	18.141	ug/l	94
80) 1,3,5-Trimethylbenzene	12.949	105	415779	18.968	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.514	75	24023	16.541	ug/l	92
82) 4-Chlorotoluene	12.996	91	370699	18.532	ug/l	93
83) tert-Butylbenzene	13.214	119	347813	19.029	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	417133	19.301	ug/l	100
85) sec-Butylbenzene	13.390	105	525106	18.215	ug/l	96
86) p-Isopropyltoluene	13.502	119	445050	19.189	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	258238	19.873	ug/l	97
88) 1,4-Dichlorobenzene	13.584	146	255258	19.807	ug/l	100
89) n-Butylbenzene	13.831	91	376067	16.549	ug/l	97
90) Hexachloroethane	14.096	117	90198	17.330	ug/l	83
91) 1,2-Dichlorobenzene	13.873	146	227338	20.502	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	12220	15.915	ug/l	63
93) 1,2,4-Trichlorobenzene	15.143	180	132017	20.605	ug/l	98
94) Hexachlorobutadiene	15.249	225	86219	20.424	ug/l	97
95) Naphthalene	15.384	128	205549	19.632	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	115903	20.817	ug/l	96

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

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