

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112921\
 Data File : VD071073.D
 Acq On : 29 Nov 2021 15:45
 Operator : VA/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: Nov 29 16:58:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 16:57:11 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/30/2021
 Supervised By :Mahesh Dadoda 12/01/2021

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	325654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	550659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	491680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	223575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	43274	12.400	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	24.800%#		
35) Dibromofluoromethane	7.914	113	39100	12.297	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	24.600%#		
50) Toluene-d8	10.337	98	142464	11.541	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	23.080%#		
62) 4-Bromofluorobenzene	12.620	95	48491	10.950	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	21.900%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	27737	10.010	ug/l	93
3) Chloromethane	2.214	50	34549	10.270	ug/l	95
4) Vinyl Chloride	2.356	62	40159	12.077	ug/l	95
5) Bromomethane	2.779	94	27945	12.157	ug/l	99
6) Chloroethane	2.926	64	25656	11.800	ug/l	96
7) Trichlorofluoromethane	3.279	101	51299	9.893	ug/l	97
8) Diethyl Ether	3.708	74	12860	7.744	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.097	101	29183	9.193	ug/l	96
10) Methyl Iodide	4.308	142	25611	8.238	ug/l	99
11) Tert butyl alcohol	5.185	59	22632m	88.907	ug/l	
12) 1,1-Dichloroethene	4.079	96	29638	9.676	ug/l	96
13) Acrolein	3.926	56	12914	114.525	ug/l	91
14) Allyl chloride	4.720	41	48669	7.715	ug/l #	79
15) Acrylonitrile	5.426	53	30369	38.478	ug/l #	88
16) Acetone	4.161	43	32279	37.333	ug/l	90
17) Carbon Disulfide	4.420	76	79845	8.190	ug/l	95
18) Methyl Acetate	4.720	43	23764	8.206	ug/l	94
19) Methyl tert-butyl Ether	5.485	73	63448	8.079	ug/l	96
20) Methylene Chloride	4.967	84	51329	11.863	ug/l #	85
21) trans-1,2-Dichloroethene	5.473	96	30253	8.616	ug/l	95
22) Diisopropyl ether	6.367	45	95247	7.584	ug/l	96
23) Vinyl Acetate	6.302	43	214039	35.638	ug/l #	94
24) 1,1-Dichloroethane	6.261	63	59209	8.696	ug/l	98
25) 2-Butanone	7.208	43	39813	37.001	ug/l	92
26) 2,2-Dichloropropane	7.214	77	54425	9.359	ug/l	92
27) cis-1,2-Dichloroethene	7.214	96	33285	8.257	ug/l	90
28) Bromochloromethane	7.543	49	27774	9.645	ug/l	89
29) Tetrahydrofuran	7.573	42	25804	37.955	ug/l	90
30) Chloroform	7.714	83	58327	8.918	ug/l	96
31) Cyclohexane	7.985	56	62781	8.923	ug/l #	92
32) 1,1,1-Trichloroethane	7.902	97	52492	9.266	ug/l	96
36) 1,1-Dichloropropene	8.114	75	44547	8.979	ug/l	96
37) Ethyl Acetate	7.291	43	19004	8.666	ug/l #	72
38) Carbon Tetrachloride	8.102	117	44599	9.633	ug/l	91
39) Methylcyclohexane	9.355	83	53428	8.427	ug/l	95
40) Benzene	8.349	78	120373	8.674	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	10700	7.238	ug/l #	75
42) 1,2-Dichloroethane	8.420	62	36973	9.341	ug/l	94
43) Isopropyl Acetate	8.449	43	35485	7.634	ug/l #	76
44) Trichloroethene	9.114	130	32320	8.971	ug/l	92
45) 1,2-Dichloropropane	9.385	63	32222	8.594	ug/l	92
46) Dibromomethane	9.479	93	16322	9.122	ug/l	92
47) Bromodichloromethane	9.661	83	41859	8.781	ug/l	97
48) Methyl methacrylate	9.449	41	18029	7.886	ug/l #	84
49) 1,4-Dioxane	9.461	88	3325	164.451	ug/l #	92
51) 4-Methyl-2-Pentanone	10.226	43	88110	38.993	ug/l	89
52) Toluene	10.402	92	75041	8.543	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	37046	7.794	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	45285	8.056	ug/l #	81
55) 1,1,2-Trichloroethane	10.796	97	21284	8.696	ug/l	94
56) Ethyl methacrylate	10.655	69	24130	7.143	ug/l #	67
57) 1,3-Dichloropropane	10.943	76	35853	8.085	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.937	63	77417	44.181	ug/l	98
59) 2-Hexanone	10.979	43	58388	35.388	ug/l	89
60) Dibromochloromethane	11.137	129	25847	8.764	ug/l	100
61) 1,2-Dibromoethane	11.237	107	20095	8.468	ug/l	96
64) Tetrachloroethene	10.873	164	27924	9.568	ug/l	98
65) Chlorobenzene	11.667	112	80401	9.087	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.743	131	27177	8.627	ug/l	95
67) Ethyl Benzene	11.737	91	142175	8.476	ug/l	99
68) m/p-Xylenes	11.849	106	108960	17.310	ug/l	99
69) o-Xylene	12.173	106	50075	8.411	ug/l	98
70) Styrene	12.190	104	82967	8.209	ug/l	97
71) Bromoform	12.349	173	14087	8.610	ug/l #	98
73) Isopropylbenzene	12.473	105	137258	8.467	ug/l	99
74) N-amyl acetate	12.284	43	31724	7.104	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	22381	8.153	ug/l	99
76) 1,2,3-Trichloropropane	12.778	75	16430m	8.580	ug/l	
77) Bromobenzene	12.749	156	30438	8.784	ug/l	94
78) n-propylbenzene	12.814	91	171838	8.538	ug/l	99
79) 2-Chlorotoluene	12.896	91	95926	8.399	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	110974	8.285	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	5925	6.699	ug/l #	76
82) 4-Chlorotoluene	12.996	91	99246	8.404	ug/l	100
83) tert-Butylbenzene	13.214	119	94306	8.182	ug/l	95
84) 1,2,4-Trimethylbenzene	13.261	105	107387	8.197	ug/l	98
85) sec-Butylbenzene	13.396	105	146134	8.417	ug/l	97
86) p-Isopropyltoluene	13.508	119	115859	8.279	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	60020	8.799	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	59897	8.782	ug/l	95
89) n-Butylbenzene	13.831	91	119489	8.536	ug/l	97
90) Hexachloroethane	14.102	117	23543	8.568	ug/l	93
91) 1,2-Dichlorobenzene	13.878	146	50673	8.638	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.496	75	3973	8.872	ug/l	91
93) 1,2,4-Trichlorobenzene	15.143	180	32039	8.539	ug/l	95
94) Hexachlorobutadiene	15.249	225	18844	9.781	ug/l	98
95) Naphthalene	15.384	128	52442	7.462	ug/l	97
96) 1,2,3-Trichlorobenzene	15.578	180	26342	8.369	ug/l	96

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

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