

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082622\
 Data File : VD074235.D
 Acq On : 26 Aug 2022 14:00
 Operator : VA/SY
 Sample : VD0826SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBS01

Quant Time: Aug 26 15:59:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Semsettin Yesilyurt 08/27/2022

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	146616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	231222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	222704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	117788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	69742	46.551	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.100%		
35) Dibromofluoromethane	7.908	113	81741	52.852	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.700%		
50) Toluene-d8	10.326	98	241001	48.417	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.840%		
62) 4-Bromofluorobenzene	12.620	95	105140	53.467	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	106.940%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	22203	18.046	ug/l	94
3) Chloromethane	2.203	50	13247	15.112	ug/l	96
4) Vinyl Chloride	2.344	62	14285	15.523	ug/l	97
5) Bromomethane	2.756	94	9235	15.539	ug/l	98
6) Chloroethane	2.909	64	10384	17.388	ug/l	100
7) Trichlorofluoromethane	3.256	101	49595	18.551	ug/l	98
8) Diethyl Ether	3.703	74	13075	18.200	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.079	101	31006	19.168	ug/l	89
10) Methyl Iodide	4.285	142	29626	15.923	ug/l	99
11) Tert butyl alcohol	5.226	59	11675	125.140	ug/l #	74
12) 1,1-Dichloroethene	4.062	96	24181	16.715	ug/l	88
13) Acrolein	3.920	56	4854	114.916	ug/l	97
14) Allyl chloride	4.703	41	39145	17.284	ug/l #	93
15) Acrylonitrile	5.414	53	33758	101.062	ug/l	99
16) Acetone	4.150	43	29745	104.210	ug/l	96
17) Carbon Disulfide	4.397	76	53720	13.062	ug/l	99
18) Methyl Acetate	4.709	43	19364	22.215	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	68487	19.769	ug/l	93
20) Methylene Chloride	4.956	84	42557	19.850	ug/l	83
21) trans-1,2-Dichloroethene	5.456	96	29312	17.328	ug/l #	76
22) Diisopropyl ether	6.361	45	94196	20.280	ug/l #	94
23) Vinyl Acetate	6.297	43	182598	76.974	ug/l #	95
24) 1,1-Dichloroethane	6.256	63	59851	19.545	ug/l	97
25) 2-Butanone	7.203	43	43895	99.338	ug/l #	89
26) 2,2-Dichloropropane	7.203	77	54470	19.742	ug/l	97
27) cis-1,2-Dichloroethene	7.197	96	38421	20.212	ug/l	88
28) Bromochloromethane	7.538	49	18327	19.800	ug/l #	73
29) Tetrahydrofuran	7.556	42	27693	103.848	ug/l	95
30) Chloroform	7.703	83	67235	20.825	ug/l	97
31) Cyclohexane	7.979	56	40484	15.181	ug/l #	82
32) 1,1,1-Trichloroethane	7.891	97	59694	19.952	ug/l	97
36) 1,1-Dichloropropene	8.108	75	42359	18.121	ug/l	93
37) Ethyl Acetate	7.291	43	18045	19.579	ug/l #	91
38) Carbon Tetrachloride	8.091	117	48210	19.199	ug/l	96
39) Methylcyclohexane	9.344	83	43369	16.251	ug/l	94
40) Benzene	8.344	78	123845	18.795	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	11393	20.564	ug/l #	80
42) 1,2-Dichloroethane	8.414	62	40447	20.824	ug/l	96
43) Isopropyl Acetate	8.444	43	36422	19.646	ug/l #	92
44) Trichloroethene	9.103	130	35482	18.574	ug/l	99
45) 1,2-Dichloropropane	9.373	63	32501	19.760	ug/l	98
46) Dibromomethane	9.461	93	18309	19.952	ug/l	93
47) Bromodichloromethane	9.650	83	49108	20.575	ug/l #	97
48) Methyl methacrylate	9.444	41	15561	18.156	ug/l #	74
49) 1,4-Dioxane	9.450	88	4457	428.043	ug/l	97
51) 4-Methyl-2-Pentanone	10.214	43	97086	104.820	ug/l	93
52) Toluene	10.391	92	82608	19.072	ug/l	95
53) t-1,3-Dichloropropene	10.608	75	43470	20.084	ug/l	95
54) cis-1,3-Dichloropropene	10.079	75	49904	19.446	ug/l #	87
55) 1,1,2-Trichloroethane	10.791	97	27913	22.241	ug/l	96
56) Ethyl methacrylate	10.649	69	27844	19.421	ug/l	88
57) 1,3-Dichloropropane	10.932	76	42824	20.419	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	47091	108.509	ug/l	92
59) 2-Hexanone	10.973	43	66846	107.041	ug/l	97
60) Dibromochloromethane	11.126	129	35738	21.927	ug/l	99
61) 1,2-Dibromoethane	11.232	107	25538	20.861	ug/l	97
64) Tetrachloroethene	10.867	164	30815	18.961	ug/l	95
65) Chlorobenzene	11.655	112	92922	19.145	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	37891	20.765	ug/l	99
67) Ethyl Benzene	11.732	91	158237	19.049	ug/l	96
68) m/p-Xylenes	11.844	106	128050	38.703	ug/l	95
69) o-Xylene	12.167	106	59726	19.564	ug/l	91
70) Styrene	12.179	104	103385	19.752	ug/l	97
71) Bromoform	12.344	173	21427	21.591	ug/l #	99
73) Isopropylbenzene	12.467	105	159571	18.710	ug/l	98
74) N-amyl acetate	12.273	43	35738	19.263	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	31540	20.706	ug/l	99
76) 1,2,3-Trichloropropane	12.761	75	25258m	21.961	ug/l	
77) Bromobenzene	12.743	156	39825	19.709	ug/l	88
78) n-propylbenzene	12.802	91	199787	19.154	ug/l	96
79) 2-Chlorotoluene	12.891	91	115680	19.206	ug/l	96
80) 1,3,5-Trimethylbenzene	12.943	105	143259	19.552	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	8894	19.887	ug/l	87
82) 4-Chlorotoluene	12.991	91	123772	19.426	ug/l	97
83) tert-Butylbenzene	13.208	119	116734	18.914	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	141118	19.790	ug/l	99
85) sec-Butylbenzene	13.385	105	183800	19.701	ug/l	99
86) p-Isopropyltoluene	13.496	119	148612	19.306	ug/l	98
87) 1,3-Dichlorobenzene	13.496	146	82535	20.193	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	81488	19.789	ug/l	97
89) n-Butylbenzene	13.826	91	140068	19.198	ug/l	98
90) Hexachloroethane	14.090	117	31712	20.306	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	70754	19.909	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	5485	21.996	ug/l	92
93) 1,2,4-Trichlorobenzene	15.137	180	43712	20.153	ug/l	97
94) Hexachlorobutadiene	15.243	225	24981	20.523	ug/l	98
95) Naphthalene	15.373	128	76989	19.757	ug/l	98
96) 1,2,3-Trichlorobenzene	15.567	180	37554	19.853	ug/l	99

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

