

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070122\
 Data File : VD073761.D
 Acq On : 01 Jul 2022 13:37
 Operator : VA/SY
 Sample : VD0701SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0701SBS01

Quant Time: Jul 05 05:06:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 05 04:59:39 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/05/2022
 Supervised By :Semsettin Yesilyurt 07/05/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	166224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	317966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	288113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	130904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	79722	49.163	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.320%		
35) Dibromofluoromethane	7.909	113	83478	48.328	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.660%		
50) Toluene-d8	10.332	98	270932	42.759	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	85.520%		
62) 4-Bromofluorobenzene	12.614	95	116191	46.493	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	22943	22.375	ug/l	95
3) Chloromethane	2.209	50	27081	23.539	ug/l	98
4) Vinyl Chloride	2.344	62	31377	24.132	ug/l	90
5) Bromomethane	2.738	94	22047	26.974	ug/l	98
6) Chloroethane	2.903	64	22996	24.335	ug/l #	88
7) Trichlorofluoromethane	3.262	101	51382	21.644	ug/l	98
8) Diethyl Ether	3.703	74	16956	21.356	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.079	101	32878	20.886	ug/l	90
10) Methyl Iodide	4.291	142	23114	20.669	ug/l	94
11) Tert butyl alcohol	5.179	59	71471	178.954	ug/l #	100
12) 1,1-Dichloroethene	4.056	96	27107	20.090	ug/l #	79
13) Acrolein	3.921	56	11808	317.049	ug/l	96
14) Allyl chloride	4.703	41	49657	21.342	ug/l	95
15) Acrylonitrile	5.415	53	46989	108.682	ug/l	99
16) Acetone	4.156	43	36529	108.274	ug/l	97
17) Carbon Disulfide	4.391	76	48923	22.877	ug/l #	94
18) Methyl Acetate	4.715	43	25455	22.586	ug/l	96
19) Methyl tert-butyl Ether	5.468	73	95405	21.755	ug/l	97
20) Methylene Chloride	4.950	84	48681	25.373	ug/l #	92
21) trans-1,2-Dichloroethene	5.462	96	33318	21.804	ug/l	94
22) Diisopropyl ether	6.356	45	129208	22.052	ug/l	97
23) Vinyl Acetate	6.297	43	337232	113.780	ug/l	97
24) 1,1-Dichloroethane	6.262	63	70763	21.607	ug/l	98
25) 2-Butanone	7.203	43	59872	108.062	ug/l	96
26) 2,2-Dichloropropane	7.197	77	65604	21.678	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	43857	21.281	ug/l	94
28) Bromochloromethane	7.538	49	25946	20.606	ug/l #	79
29) Tetrahydrofuran	7.561	42	38559	110.102	ug/l	92
30) Chloroform	7.703	83	76225	21.954	ug/l	99
31) Cyclohexane	7.973	56	53251	22.388	ug/l #	95
32) 1,1,1-Trichloroethane	7.891	97	64905	21.316	ug/l	98
36) 1,1-Dichloropropene	8.103	75	50795	21.179	ug/l	96
37) Ethyl Acetate	7.285	43	26073	20.622	ug/l #	94
38) Carbon Tetrachloride	8.091	117	52031	20.206	ug/l	96
39) Methylcyclohexane	9.344	83	56084	20.533	ug/l	95
40) Benzene	8.338	78	147029	20.755	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	18715	22.834	ug/l #	85
42) 1,2-Dichloroethane	8.420	62	47049	22.036	ug/l	100
43) Isopropyl Acetate	8.444	43	55505	20.591	ug/l	97
44) Trichloroethene	9.108	130	38571	20.495	ug/l	99
45) 1,2-Dichloropropane	9.379	63	40380	20.030	ug/l	97
46) Dibromomethane	9.467	93	22038	20.832	ug/l #	87
47) Bromodichloromethane	9.650	83	61055	21.332	ug/l	91
48) Methyl methacrylate	9.450	41	26640	22.029	ug/l	93
49) 1,4-Dioxane	9.456	88	5796	407.633	ug/l #	86
51) 4-Methyl-2-Pentanone	10.220	43	141481	103.110	ug/l	96
52) Toluene	10.391	92	96074	20.332	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	58715	20.880	ug/l	93
54) cis-1,3-Dichloropropene	10.079	75	66357	20.846	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	32124	20.311	ug/l	94
56) Ethyl methacrylate	10.650	69	43654	20.814	ug/l	93
57) 1,3-Dichloropropane	10.938	76	56184	21.106	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	76971	90.537	ug/l	92
59) 2-Hexanone	10.973	43	97423	104.196	ug/l	92
60) Dibromochloromethane	11.132	129	38940	20.277	ug/l	94
61) 1,2-Dibromoethane	11.238	107	29811	20.403	ug/l	97
64) Tetrachloroethene	10.867	164	30290	20.567	ug/l	93
65) Chlorobenzene	11.661	112	109754	20.642	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.732	131	41651	20.776	ug/l	97
67) Ethyl Benzene	11.732	91	198001	20.274	ug/l	97
68) m/p-Xylenes	11.844	106	147548	39.714	ug/l	98
69) o-Xylene	12.167	106	71564	19.677	ug/l	96
70) Styrene	12.185	104	126913	20.376	ug/l	99
71) Bromoform	12.349	173	21567	20.627	ug/l #	97
73) Isopropylbenzene	12.467	105	197758	19.941	ug/l	99
74) N-amyl acetate	12.279	43	55971	20.786	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	40576	20.526	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	26895m	21.499	ug/l	
77) Bromobenzene	12.749	156	42554	20.944	ug/l	85
78) n-propylbenzene	12.808	91	248688	20.035	ug/l	96
79) 2-Chlorotoluene	12.897	91	139139	20.085	ug/l	97
80) 1,3,5-Trimethylbenzene	12.944	105	163814	19.860	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.508	75	13289	20.492	ug/l	96
82) 4-Chlorotoluene	12.991	91	144841	20.164	ug/l	99
83) tert-Butylbenzene	13.208	119	140409	19.237	ug/l	94
84) 1,2,4-Trimethylbenzene	13.255	105	161403	19.801	ug/l	99
85) sec-Butylbenzene	13.385	105	220359	19.514	ug/l	97
86) p-Isopropyltoluene	13.502	119	176766	19.535	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	87368	20.633	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	86040	20.386	ug/l	96
89) n-Butylbenzene	13.826	91	178692	19.566	ug/l	98
90) Hexachloroethane	14.096	117	35810	20.018	ug/l	87
91) 1,2-Dichlorobenzene	13.873	146	78726	21.019	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	6531	20.057	ug/l	87
93) 1,2,4-Trichlorobenzene	15.143	180	45248	20.255	ug/l	97
94) Hexachlorobutadiene	15.243	225	21794	19.656	ug/l	95
95) Naphthalene	15.379	128	97149	19.617	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	39447	20.303	ug/l	95

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

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