

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102623\
 Data File : VD077428.D
 Acq On : 26 Oct 2023 12:34
 Operator : JC/SY
 Sample : VD1026SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1026SBS01

Quant Time: Oct 27 07:46:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/27/2023
 Supervised By :Semsettin Yesilyurt 10/27/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	228994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	397293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	376987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	194295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	104331	51.023	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.040%			
35) Dibromofluoromethane	7.810	113	123877	44.382	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.760%			
50) Toluene-d8	10.269	98	469990	47.018	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.040%			
62) 4-Bromofluorobenzene	12.575	95	130683	45.416	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 90.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	33960	15.952	ug/l	93
3) Chloromethane	2.146	50	71990	16.606	ug/l	96
4) Vinyl Chloride	2.287	62	94493	18.452	ug/l	99
5) Bromomethane	2.687	94	65137	19.793	ug/l	97
6) Chloroethane	2.834	64	67876	18.854	ug/l	92
7) Trichlorofluoromethane	3.170	101	80968	15.586	ug/l	98
8) Diethyl Ether	3.587	74	22666	16.279	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.970	101	45917	17.084	ug/l	97
10) Methyl Iodide	4.164	142	51051	15.523	ug/l	92
11) Tert butyl alcohol	5.052	59	13937	121.164	ug/l #	82
12) 1,1-Dichloroethene	3.940	96	43387	16.456	ug/l	95
13) Acrolein	3.793	56	23307	116.725	ug/l	100
14) Allyl chloride	4.564	41	45497	18.187	ug/l	96
15) Acrylonitrile	5.258	53	47395	112.325	ug/l	98
16) Acetone	4.011	43	41453	92.447	ug/l #	83
17) Carbon Disulfide	4.269	76	128828	16.621	ug/l #	95
18) Methyl Acetate	4.558	43	32056	20.541	ug/l	98
19) Methyl tert-butyl Ether	5.311	73	92587	20.617	ug/l	98
20) Methylene Chloride	4.799	84	70527	23.455	ug/l	91
21) trans-1,2-Dichloroethene	5.311	96	51546	18.797	ug/l	95
22) Diisopropyl ether	6.216	45	110531	22.507	ug/l	97
23) Vinyl Acetate	6.152	43	258401	112.280	ug/l	99
24) 1,1-Dichloroethane	6.111	63	83097	20.352	ug/l	98
25) 2-Butanone	7.075	43	53076	114.109	ug/l	96
26) 2,2-Dichloropropane	7.075	77	74848	20.104	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	59625	19.391	ug/l	98
28) Bromochloromethane	7.422	49	32450	21.757	ug/l	97
29) Tetrahydrofuran	7.452	42	30517	113.736	ug/l	99
30) Chloroform	7.593	83	97241	20.757	ug/l	99
31) Cyclohexane	7.881	56	60908	19.145	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	81277	20.110	ug/l	97
36) 1,1-Dichloropropene	8.005	75	66802	18.214	ug/l	98
37) Ethyl Acetate	7.169	43	22047	19.137	ug/l	97
38) Carbon Tetrachloride	7.987	117	73711	18.067	ug/l	99
39) Methylcyclohexane	9.269	83	72794	16.335	ug/l	99
40) Benzene	8.252	78	210037	18.872	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	11946	21.728	ug/l #	93
42) 1,2-Dichloroethane	8.328	62	51590	19.679	ug/l	98
43) Isopropyl Acetate	8.363	43	42860	20.666	ug/l	99
44) Trichloroethene	9.028	130	54656	16.797	ug/l	97
45) 1,2-Dichloropropane	9.305	63	50521	19.692	ug/l	98
46) Dibromomethane	9.393	93	30893	19.260	ug/l	96
47) Bromodichloromethane	9.587	83	73140	19.123	ug/l	98
48) Methyl methacrylate	9.381	41	19669	20.964	ug/l	87
49) 1,4-Dioxane	9.381	88	6180	414.643	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	113019	108.710	ug/l	96
52) Toluene	10.334	92	138081	19.001	ug/l	94
53) t-1,3-Dichloropropene	10.552	75	66290	19.309	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	78197	18.616	ug/l	91
55) 1,1,2-Trichloroethane	10.734	97	43646	19.647	ug/l	94
56) Ethyl methacrylate	10.599	69	42465	20.001	ug/l	94
57) 1,3-Dichloropropane	10.881	76	66149	19.384	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	99196	94.479	ug/l	99
59) 2-Hexanone	10.922	43	82115	109.973	ug/l	93
60) Dibromochloromethane	11.075	129	52674	18.569	ug/l	97
61) 1,2-Dibromoethane	11.181	107	40850	19.514	ug/l	99
64) Tetrachloroethene	10.810	164	46145	16.468	ug/l	90
65) Chlorobenzene	11.610	112	148531	18.076	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	57011	18.252	ug/l	95
67) Ethyl Benzene	11.681	91	238555	17.513	ug/l	95
68) m/p-Xylenes	11.793	106	198271	35.447	ug/l	99
69) o-Xylene	12.122	106	88582	17.203	ug/l	98
70) Styrene	12.134	104	159577	18.164	ug/l	100
71) Bromoform	12.298	173	32103	18.748	ug/l #	100
73) Isopropylbenzene	12.422	105	227962	17.738	ug/l	96
74) N-amyl acetate	12.234	43	38123	20.620	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	49836	21.340	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	35973m	15.630	ug/l	
77) Bromobenzene	12.698	156	59118	17.522	ug/l	94
78) n-propylbenzene	12.763	91	287251	18.559	ug/l	96
79) 2-Chlorotoluene	12.851	91	156722	18.590	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	192839	18.183	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	15435	21.287	ug/l	98
82) 4-Chlorotoluene	12.945	91	169188	19.277	ug/l	97
83) tert-Butylbenzene	13.169	119	164209	17.464	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	194435	18.209	ug/l	100
85) sec-Butylbenzene	13.345	105	255173	18.035	ug/l	98
86) p-Isopropyltoluene	13.463	119	212138	17.259	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	123996	17.463	ug/l	100
88) 1,4-Dichlorobenzene	13.540	146	127357	18.100	ug/l	98
89) n-Butylbenzene	13.787	91	194526	18.175	ug/l	97
90) Hexachloroethane	14.057	117	45726	18.403	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	110864	18.483	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	6597	23.079	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	64170	17.171	ug/l	97
94) Hexachlorobutadiene	15.204	225	33647	15.853	ug/l	97
95) Naphthalene	15.334	128	110130	17.454	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	54834	16.905	ug/l	100

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

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