

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
 Data File : VD077127.D
 Acq On : 18 Sep 2023 13:37
 Operator : JC/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD091823

Quant Time: Sep 19 04:54:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 09/19/2023
 Supervised By : Mahesh Dadoda 09/19/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	240351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	407855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	396221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	206688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	123114	50.755	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	101.520%		
35) Dibromofluoromethane	7.805	113	139399	49.207	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.420%		
50) Toluene-d8	10.269	98	513286	50.903	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.800%		
62) 4-Bromofluorobenzene	12.575	95	160905	51.484	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	102.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	104982	42.266	ug/l	98
3) Chloromethane	2.146	50	212736	46.333	ug/l	98
4) Vinyl Chloride	2.281	62	231760	47.188	ug/l	100
5) Bromomethane	2.687	94	142029	39.705	ug/l	98
6) Chloroethane	2.834	64	125317	41.006	ug/l	97
7) Trichlorofluoromethane	3.170	101	168628	37.986	ug/l	97
8) Diethyl Ether	3.593	74	63724	44.476	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.970	101	111164	40.052	ug/l	96
10) Methyl Iodide	4.158	142	200355	50.506	ug/l	92
11) Tert butyl alcohol	5.064	59	36208	261.809	ug/l #	92
12) 1,1-Dichloroethene	3.934	96	123354	44.118	ug/l	93
13) Acrolein	3.793	56	19866	213.044	ug/l	100
14) Allyl chloride	4.558	41	173164	50.763	ug/l	94
15) Acrylonitrile	5.252	53	161148	268.224	ug/l	100
16) Acetone	4.017	43	133483	240.775	ug/l	93
17) Carbon Disulfide	4.264	76	441342	47.949	ug/l	99
18) Methyl Acetate	4.558	43	111457	53.167	ug/l	92
19) Methyl tert-butyl Ether	5.317	73	330021	54.548	ug/l	100
20) Methylene Chloride	4.799	84	184728	51.752	ug/l	92
21) trans-1,2-Dichloroethene	5.311	96	168960	49.991	ug/l	97
22) Diisopropyl ether	6.216	45	406572	52.715	ug/l	97
23) Vinyl Acetate	6.158	43	853858m	276.922	ug/l	
24) 1,1-Dichloroethane	6.105	63	274511	49.590	ug/l	99
25) 2-Butanone	7.081	43	195121	267.525	ug/l	89
26) 2,2-Dichloropropane	7.075	77	233355	49.663	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	187747	49.414	ug/l	96
28) Bromochloromethane	7.428	49	80370	47.281	ug/l	89
29) Tetrahydrofuran	7.440	42	114111	267.632	ug/l	93
30) Chloroform	7.599	83	296999	49.783	ug/l	99
31) Cyclohexane	7.875	56	197100	46.446	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	246371	49.474	ug/l	98
36) 1,1-Dichloropropene	8.005	75	210177	49.263	ug/l	98
37) Ethyl Acetate	7.169	43	86138	52.624	ug/l	94
38) Carbon Tetrachloride	7.993	117	205288	48.956	ug/l	98
39) Methylcyclohexane	9.275	83	241021	49.099	ug/l	95
40) Benzene	8.252	78	668934	50.677	ug/l	99

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41) Methacrylonitrile	7.393	41	47041	53.843	ug/l #	91
42) 1,2-Dichloroethane	8.328	62	165932	50.703	ug/l	98
43) Isopropyl Acetate	8.358	43	164399	54.549	ug/l	92
44) Trichloroethene	9.028	130	177702	48.641	ug/l	97
45) 1,2-Dichloropropane	9.305	63	161225	50.287	ug/l	99
46) Dibromomethane	9.393	93	94617	50.786	ug/l	97
47) Bromodichloromethane	9.587	83	228235	50.694	ug/l	99
48) Methyl methacrylate	9.381	41	78817	57.554	ug/l	83
49) 1,4-Dioxane	9.393	88	18128	1077.967	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	421883	267.662	ug/l	93
52) Toluene	10.334	92	434296	51.430	ug/l	95
53) t-1,3-Dichloropropene	10.552	75	221066	52.558	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	261568	51.905	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	129679	51.176	ug/l	97
56) Ethyl methacrylate	10.599	69	150578	55.312	ug/l #	89
57) 1,3-Dichloropropane	10.881	76	210328	51.273	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	374908	264.612	ug/l	99
59) 2-Hexanone	10.922	43	308225	272.548	ug/l	91
60) Dibromochloromethane	11.075	129	158934	51.209	ug/l	96
61) 1,2-Dibromoethane	11.181	107	127156	51.907	ug/l	99
64) Tetrachloroethene	10.810	164	148138	48.054	ug/l	91
65) Chlorobenzene	11.610	112	460751	49.432	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	167353	49.077	ug/l	97
67) Ethyl Benzene	11.681	91	805923	50.304	ug/l	95
68) m/p-Xylenes	11.793	106	651801	101.610	ug/l	93
69) o-Xylene	12.122	106	301817	51.261	ug/l	91
70) Styrene	12.134	104	532834	53.119	ug/l	98
71) Bromoform	12.299	173	96361	50.979	ug/l #	98
73) Isopropylbenzene	12.422	105	764402	50.052	ug/l	97
74) N-amyl acetate	12.234	43	148612	51.803	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	143692	49.857	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	79010m	47.923	ug/l	
77) Bromobenzene	12.698	156	190164	50.007	ug/l	94
78) n-propylbenzene	12.763	91	935162	50.096	ug/l	97
79) 2-Chlorotoluene	12.851	91	510718	49.612	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	645187	50.585	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	44833	51.471	ug/l	96
82) 4-Chlorotoluene	12.946	91	548868	50.731	ug/l	95
83) tert-Butylbenzene	13.169	119	548831	50.366	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	655155	50.657	ug/l	96
85) sec-Butylbenzene	13.346	105	826500	50.545	ug/l	96
86) p-Isopropyltoluene	13.463	119	706270	50.914	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	387140	49.502	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	376847	48.975	ug/l	97
89) n-Butylbenzene	13.787	91	646893	50.552	ug/l	98
90) Hexachloroethane	14.051	117	131528	47.810	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	332536	49.592	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	20187	52.456	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	214586	51.871	ug/l	98
94) Hexachlorobutadiene	15.204	225	106144	48.419	ug/l	99
95) Naphthalene	15.334	128	411015	54.182	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	191175	51.991	ug/l	100

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

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