

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091923\
 Data File : VD077143.D
 Acq On : 19 Sep 2023 10:33
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 20 04:58:17 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 :Mahesh Dadoda 09/20/2023
 Supervised By :Semsettin Yesilyurt 09/20/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	281305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	457684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	425868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	212733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	126753	44.648	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.300%
35) Dibromofluoromethane	7.805	113	143725	45.210	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.420%
50) Toluene-d8	10.269	98	527242	46.595	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.180%
62) 4-Bromofluorobenzene	12.575	95	161474	46.041	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.080%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	135621	46.652	ug/l	99
3) Chloromethane	2.146	50	242392	45.107	ug/l	100
4) Vinyl Chloride	2.287	62	302740	52.666	ug/l	100
5) Bromomethane	2.693	94	221183	52.831	ug/l	98
6) Chloroethane	2.834	64	180623	50.498	ug/l	99
7) Trichlorofluoromethane	3.175	101	291121	56.031	ug/l	97
8) Diethyl Ether	3.593	74	74744	44.573	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.964	101	160329	49.356	ug/l	98
10) Methyl Iodide	4.158	142	217868	46.925	ug/l #	89
11) Tert butyl alcohol	5.052	59	37895	234.115	ug/l	97
12) 1,1-Dichloroethene	3.940	96	157317	48.074	ug/l	93
13) Acrolein	3.799	56	25337	235.399	ug/l	98
14) Allyl chloride	4.564	41	188715	47.268	ug/l	93
15) Acrylonitrile	5.252	53	153457	218.237	ug/l	100
16) Acetone	4.017	43	162618	250.624	ug/l #	86
17) Carbon Disulfide	4.269	76	489684	45.456	ug/l	97
18) Methyl Acetate	4.558	43	108523	44.231	ug/l	94
19) Methyl tert-butyl Ether	5.311	73	335565	47.389	ug/l	96
20) Methylene Chloride	4.799	84	205380	48.798	ug/l	90
21) trans-1,2-Dichloroethene	5.311	96	185543	46.905	ug/l	94
22) Diisopropyl ether	6.211	45	420572	46.591	ug/l	99
23) Vinyl Acetate	6.152	43	842216m	233.380	ug/l	
24) 1,1-Dichloroethane	6.105	63	297245	45.880	ug/l	98
25) 2-Butanone	7.075	43	203096	237.919	ug/l	88
26) 2,2-Dichloropropane	7.069	77	278210	50.589	ug/l	94
27) cis-1,2-Dichloroethene	7.075	96	207681	46.702	ug/l	96
28) Bromochloromethane	7.422	49	83601	42.022	ug/l	92
29) Tetrahydrofuran	7.440	42	110087	220.605	ug/l	93
30) Chloroform	7.593	83	322405	46.174	ug/l	95
31) Cyclohexane	7.875	56	231407	46.592	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	289392	49.653	ug/l	98
36) 1,1-Dichloropropene	8.005	75	242660	50.684	ug/l	97
37) Ethyl Acetate	7.163	43	83639	45.534	ug/l	94
38) Carbon Tetrachloride	7.987	117	248282	52.763	ug/l	99
39) Methylcyclohexane	9.275	83	281278	51.061	ug/l	98
40) Benzene	8.246	78	718470	48.504	ug/l	99

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Quant Title : SW846 8260

QLast Update : Tue Sep 19 04:46:37 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	42580	43.431	ug/l	#
42) 1,2-Dichloroethane	8.322	62	178564	48.623	ug/l	
43) Isopropyl Acetate	8.357	43	159470	47.153	ug/l	
44) Trichloroethene	9.028	130	197863	48.263	ug/l	
45) 1,2-Dichloropropane	9.304	63	168166	46.741	ug/l	
46) Dibromomethane	9.393	93	99026	47.366	ug/l	
47) Bromodichloromethane	9.587	83	244608	48.416	ug/l	
48) Methyl methacrylate	9.381	41	73641	47.920	ug/l	
49) 1,4-Dioxane	9.387	88	18915	1002.310	ug/l	
51) 4-Methyl-2-Pentanone	10.157	43	409838	231.711	ug/l	
52) Toluene	10.334	92	467932	49.380	ug/l	
53) t-1,3-Dichloropropene	10.551	75	225752	47.829	ug/l	
54) cis-1,3-Dichloropropene	10.016	75	300291	53.102	ug/l	#
55) 1,1,2-Trichloroethane	10.734	97	130030	45.728	ug/l	
56) Ethyl methacrylate	10.599	69	148409	48.580	ug/l	#
57) 1,3-Dichloropropane	10.881	76	217920	47.340	ug/l	
58) 2-Chloroethyl Vinyl ether	9.869	63	298872	196.391	ug/l	100
59) 2-Hexanone	10.922	43	302454	238.327	ug/l	
60) Dibromochloromethane	11.075	129	165650	47.562	ug/l	
61) 1,2-Dibromoethane	11.175	107	127790	46.486	ug/l	
64) Tetrachloroethene	10.810	164	170079	51.330	ug/l	
65) Chlorobenzene	11.604	112	495934	49.503	ug/l	
66) 1,1,1,2-Tetrachloroethane	11.681	131	183605	50.095	ug/l	
67) Ethyl Benzene	11.681	91	880294	51.121	ug/l	
68) m/p-Xylenes	11.793	106	704898	102.237	ug/l	
69) o-Xylene	12.122	106	319958	50.559	ug/l	
70) Styrene	12.134	104	561556	52.085	ug/l	
71) Bromoform	12.298	173	98683	48.573	ug/l	#
73) Isopropylbenzene	12.422	105	831966	52.928	ug/l	
74) N-amyl acetate	12.234	43	141391	47.885	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.675	83	140763	47.453	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	96720m	56.998	ug/l	
77) Bromobenzene	12.704	156	199307	50.922	ug/l	
78) n-propylbenzene	12.763	91	1012638	52.704	ug/l	
79) 2-Chlorotoluene	12.851	91	549921	51.903	ug/l	
80) 1,3,5-Trimethylbenzene	12.904	105	691778	52.696	ug/l	
81) trans-1,4-Dichloro-2-b...	12.469	75	46126	51.451	ug/l	
82) 4-Chlorotoluene	12.945	91	574748	51.613	ug/l	
83) tert-Butylbenzene	13.169	119	589004	52.517	ug/l	
84) 1,2,4-Trimethylbenzene	13.210	105	693718	52.114	ug/l	
85) sec-Butylbenzene	13.345	105	870661	51.733	ug/l	
86) p-Isopropyltoluene	13.463	119	749690	52.509	ug/l	
87) 1,3-Dichlorobenzene	13.457	146	391571	48.646	ug/l	
88) 1,4-Dichlorobenzene	13.540	146	386676	48.825	ug/l	
89) n-Butylbenzene	13.787	91	674548	51.215	ug/l	
90) Hexachloroethane	14.057	117	137782	48.660	ug/l	
91) 1,2-Dichlorobenzene	13.834	146	336540	48.763	ug/l	
92) 1,2-Dibromo-3-Chloropr...	14.445	75	20173	50.930	ug/l	
93) 1,2,4-Trichlorobenzene	15.104	180	205349	48.228	ug/l	
94) Hexachlorobutadiene	15.204	225	101719	45.082	ug/l	
95) Naphthalene	15.334	128	380221	48.698	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	180127	47.595	ug/l	

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Yesilyurt

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

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