

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011624\
 Data File : VD078170.D
 Acq On : 16 Jan 2024 16:33
 Operator : RP/MD
 Sample : VD0116SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0116SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Jan 17 04:20:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 01:29:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							01/17/2024
1) Pentafluorobenzene	7.881	168	75712	50.000	ug/l	# 0.00	Supervised By :Semsettin esilyurt
34) 1,4-Difluorobenzene	8.781	114	138912	50.000	ug/l	0.00	
63) Chlorobenzene-d5	11.587	117	131582	50.000	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	13.522	152	64113	50.000	ug/l	0.00	
System Monitoring Compounds							01/17/2024
33) 1,2-Dichloroethane-d4	8.234	65	47170	59.179	ug/l	0.00	
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.360%		
35) Dibromofluoromethane	7.811	113	51942	51.883	ug/l	0.00	
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.760%		
50) Toluene-d8	10.269	98	172975	51.519	ug/l	0.00	
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.040%		
62) 4-Bromofluorobenzene	12.575	95	56377	48.236	ug/l	0.00	
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.480%		
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.934	85	15048	21.702	ug/l	94	
3) Chloromethane	2.158	50	23468	24.377	ug/l	96	
4) Vinyl Chloride	2.293	62	31212	23.054	ug/l	98	
5) Bromomethane	2.693	94	21729	20.906	ug/l	93	
6) Chloroethane	2.846	64	24598	24.470	ug/l	97	
7) Trichlorofluoromethane	3.181	101	32166	21.622	ug/l	93	
8) Diethyl Ether	3.599	74	10193	26.130	ug/l	84	
9) 1,1,2-Trichlorotrifluo...	3.964	101	19915	22.521	ug/l	96	
10) Methyl Iodide	4.164	142	14807	18.338	ug/l	# 85	
11) Tert butyl alcohol	5.058	59	6000	147.759	ug/l	# 73	
12) 1,1-Dichloroethene	3.946	96	17421	23.266	ug/l	# 82	
13) Acrolein	3.799	56	11024	174.454	ug/l	100	
14) Allyl chloride	4.564	41	23502	23.495	ug/l	88	
15) Acrylonitrile	5.269	53	26960	147.721	ug/l	99	
16) Acetone	4.028	43	34833	184.362	ug/l	# 75	
17) Carbon Disulfide	4.275	76	36676	21.977	ug/l	# 93	
18) Methyl Acetate	4.569	43	17975	25.054	ug/l	90	
19) Methyl tert-butyl Ether	5.322	73	48055	26.638	ug/l	93	
20) Methylene Chloride	4.811	84	30605	28.736	ug/l	# 79	
21) trans-1,2-Dichloroethene	5.322	96	19427	22.797	ug/l	# 84	
22) Diisopropyl ether	6.228	45	63125	26.838	ug/l	93	
23) Vinyl Acetate	6.164	43	153372m	145.155	ug/l		
24) 1,1-Dichloroethane	6.122	63	41288	25.159	ug/l	98	
25) 2-Butanone	7.087	43	39090	158.756	ug/l	# 80	
26) 2,2-Dichloropropane	7.075	77	33957	23.132	ug/l	91	
27) cis-1,2-Dichloroethene	7.081	96	24787	23.659	ug/l	85	
28) Bromochloromethane	7.434	49	13854	23.283	ug/l	82	
29) Tetrahydrofuran	7.452	42	18254	141.310	ug/l	# 85	
30) Chloroform	7.605	83	44294	24.901	ug/l	94	
31) Cyclohexane	7.881	56	25024	20.749	ug/l	85	
32) 1,1,1-Trichloroethane	7.793	97	35673	23.185	ug/l	97	
36) 1,1-Dichloropropene	8.010	75	27720	20.507	ug/l	97	
37) Ethyl Acetate	7.175	43	12958	24.357	ug/l	# 88	
38) Carbon Tetrachloride	7.993	117	29635	19.035	ug/l	99	
39) Methylcyclohexane	9.275	83	27771	18.668	ug/l	90	
40) Benzene	8.252	78	86478	21.433	ug/l	99	

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.405	41	7032	22.517	ug/l	#	81
42) 1,2-Dichloroethane	8.334	62	26361	23.215	ug/l		94
43) Isopropyl Acetate	8.369	43	25733	25.091	ug/l	#	75
44) Trichloroethene	9.028	130	22509	20.632	ug/l		98
45) 1,2-Dichloropropane	9.305	63	23730	22.804	ug/l		92
46) Dibromomethane	9.399	93	13786	23.946	ug/l	#	83
47) Bromodichloromethane	9.587	83	33984	22.203	ug/l	#	98
48) Methyl methacrylate	9.381	41	14007	24.713	ug/l	#	79
49) 1,4-Dioxane	9.381	88	2915	579.219	ug/l	#	71
51) 4-Methyl-2-Pentanone	10.163	43	69962	131.663	ug/l		88
52) Toluene	10.334	92	54002	21.192	ug/l		99
53) t-1,3-Dichloropropene	10.552	75	31490	23.181	ug/l		100
54) cis-1,3-Dichloropropene	10.016	75	37184	23.991	ug/l	#	85
55) 1,1,2-Trichloroethane	10.734	97	20755	25.703	ug/l		95
56) Ethyl methacrylate	10.599	69	15024	23.875	ug/l	#	78
57) 1,3-Dichloropropane	10.881	76	32829	25.049	ug/l		95
58) 2-Chloroethyl Vinyl ether	9.875	63	31232	108.694	ug/l		97
59) 2-Hexanone	10.922	43	57300	143.424	ug/l		86
60) Dibromochloromethane	11.075	129	23176	22.715	ug/l		95
61) 1,2-Dibromoethane	11.181	107	17686	23.790	ug/l		95
64) Tetrachloroethene	10.810	164	16894	18.963	ug/l		88
65) Chlorobenzene	11.610	112	61849	20.429	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.687	131	24301	20.664	ug/l		97
67) Ethyl Benzene	11.687	91	103536	19.474	ug/l		98
68) m/p-Xylenes	11.799	106	79034	38.565	ug/l		88
69) o-Xylene	12.128	106	37655	19.842	ug/l		88
70) Styrene	12.140	104	59734	20.705	ug/l		95
71) Bromoform	12.304	173	12980	21.837	ug/l	#	99
73) Isopropylbenzene	12.422	105	103450	20.293	ug/l		95
74) N-amyl acetate	12.240	43	23128	24.806	ug/l		90
75) 1,1,2,2-Tetrachloroethane	12.675	83	24410	25.447	ug/l		99
76) 1,2,3-Trichloropropane	12.722	75	14358m	22.747	ug/l		
77) Bromobenzene	12.704	156	24354	20.797	ug/l		83
78) n-propylbenzene	12.763	91	124955	20.222	ug/l		96
79) 2-Chlorotoluene	12.851	91	69800	21.231	ug/l		92
80) 1,3,5-Trimethylbenzene	12.904	105	86039	20.336	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.475	75	7171	25.318	ug/l		94
82) 4-Chlorotoluene	12.951	91	73300	20.728	ug/l		92
83) tert-Butylbenzene	13.169	119	73280	19.784	ug/l		95
84) 1,2,4-Trimethylbenzene	13.216	105	86577	20.613	ug/l		95
85) sec-Butylbenzene	13.345	105	107879	19.879	ug/l		95
86) p-Isopropyltoluene	13.463	119	92796	19.312	ug/l		95
87) 1,3-Dichlorobenzene	13.463	146	50955	20.972	ug/l		98
88) 1,4-Dichlorobenzene	13.540	146	50613	21.089	ug/l		97
89) n-Butylbenzene	13.793	91	90665	19.869	ug/l		96
90) Hexachloroethane	14.057	117	21334	21.601	ug/l		81
91) 1,2-Dichlorobenzene	13.834	146	44228	21.102	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3312	25.481	ug/l		84
93) 1,2,4-Trichlorobenzene	15.104	180	26399	20.341	ug/l		94
94) Hexachlorobutadiene	15.204	225	13394	18.292	ug/l		97
95) Naphthalene	15.334	128	50881	22.115	ug/l		98
96) 1,2,3-Trichlorobenzene	15.522	180	23927	21.618	ug/l		97

01/17/2024
 Supervised By :Semsettin
 Yesilyurt

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Manual Integrations
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Reviewed By :Mahesh
Dadoda

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

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

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01/17/2024

