

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101424\
 Data File : VD079973.D
 Acq On : 14 Oct 2024 12:10
 Operator : RP/MD
 Sample : VD1014SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Oct 15 03:41:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101124S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 03:20:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	142118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	230759	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	212752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	115789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	85296	52.761	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.520%	
35) Dibromofluoromethane	7.804	113	88042	52.861	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.720%	
50) Toluene-d8	10.269	98	308478	51.974	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.940%	
62) 4-Bromofluorobenzene	12.569	95	107602	51.934	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.860%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	25952	18.579	ug/l	99
3) Chloromethane	2.146	50	24721	17.231	ug/l	95
4) Vinyl Chloride	2.287	62	33011	18.506	ug/l	97
5) Bromomethane	2.687	94	31138	20.292	ug/l	98
6) Chloroethane	2.834	64	21449	17.614	ug/l	94
7) Trichlorofluoromethane	3.169	101	54648	19.555	ug/l	88
8) Diethyl Ether	3.593	74	15355	20.002	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.975	101	32788	19.102	ug/l	99
10) Methyl Iodide	4.169	142	32756	19.462	ug/l	99
11) Tert butyl alcohol	5.051	59	10223	103.388	ug/l	100
12) 1,1-Dichloroethene	3.946	96	29733	19.472	ug/l	95
13) Acrolein	3.804	56	11439	107.894	ug/l	98
14) Allyl chloride	4.563	41	43972	19.388	ug/l	97
15) Acrylonitrile	5.251	53	36263	98.862	ug/l	93
16) Acetone	4.022	43	40204	95.943	ug/l	97
17) Carbon Disulfide	4.275	76	69216	16.262	ug/l	97
18) Methyl Acetate	4.569	43	19643	21.837	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	69295	19.649	ug/l	98
20) Methylene Chloride	4.793	84	40151	20.283	ug/l	95
21) trans-1,2-Dichloroethene	5.316	96	31872	19.438	ug/l	87
22) Diisopropyl ether	6.210	45	101333	20.601	ug/l	96
23) Vinyl Acetate	6.157	43	268727	97.235	ug/l	98
24) 1,1-Dichloroethane	6.116	63	66312	20.463	ug/l	97
25) 2-Butanone	7.081	43	49689	97.379	ug/l	99
26) 2,2-Dichloropropane	7.081	77	55477	19.786	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	40047	19.641	ug/l	97
28) Bromochloromethane	7.428	49	30122	21.778	ug/l	99
29) Tetrahydrofuran	7.451	42	27941	102.387	ug/l	97
30) Chloroform	7.598	83	69867	20.353	ug/l	97
31) Cyclohexane	7.881	56	43745	17.808	ug/l #	93
32) 1,1,1-Trichloroethane	7.798	97	55501	19.518	ug/l	98
36) 1,1-Dichloropropene	8.010	75	42024	18.826	ug/l	98
37) Ethyl Acetate	7.175	43	20477	18.948	ug/l	95
38) Carbon Tetrachloride	7.992	117	47306	19.070	ug/l	94
39) Methylcyclohexane	9.275	83	43721	17.454	ug/l	95
40) Benzene	8.251	78	134024	18.986	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.398	41	12975	22.862	ug/l	#	90
42) 1,2-Dichloroethane	8.322	62	39915	20.560	ug/l		98
43) Isopropyl Acetate	8.363	43	37821	18.996	ug/l		100
44) Trichloroethene	9.028	130	32628	18.684	ug/l		100
45) 1,2-Dichloropropane	9.304	63	36182	20.212	ug/l		96
46) Dibromomethane	9.392	93	20147	20.398	ug/l		93
47) Bromodichloromethane	9.581	83	52306	19.968	ug/l		99
48) Methyl methacrylate	9.381	41	17215	19.195	ug/l		94
49) 1,4-Dioxane	9.392	88	4359	401.646	ug/l		91
51) 4-Methyl-2-Pentanone	10.157	43	102615	100.740	ug/l		98
52) Toluene	10.334	92	84900	19.643	ug/l		100
53) t-1,3-Dichloropropene	10.551	75	44253	19.293	ug/l		95
54) cis-1,3-Dichloropropene	10.016	75	51900	19.175	ug/l		97
55) 1,1,2-Trichloroethane	10.733	97	26708	19.251	ug/l		95
56) Ethyl methacrylate	10.598	69	30704	18.944	ug/l		96
57) 1,3-Dichloropropane	10.881	76	43749	19.540	ug/l		95
58) 2-Chloroethyl Vinyl ether	9.869	63	62763	104.649	ug/l		100
59) 2-Hexanone	10.922	43	71984	95.416	ug/l		96
60) Dibromochloromethane	11.075	129	34324	19.042	ug/l		96
61) 1,2-Dibromoethane	11.181	107	25900	20.284	ug/l		98
64) Tetrachloroethene	10.810	164	29134	19.415	ug/l		94
65) Chlorobenzene	11.604	112	96482	19.486	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.680	131	34584	19.443	ug/l		99
67) Ethyl Benzene	11.680	91	155182	18.530	ug/l		99
68) m/p-Xylenes	11.792	106	121004	37.650	ug/l		98
69) o-Xylene	12.122	106	56521	19.008	ug/l		93
70) Styrene	12.133	104	101539	19.189	ug/l		99
71) Bromoform	12.298	173	21729	20.313	ug/l	#	96
73) Isopropylbenzene	12.422	105	147481	18.723	ug/l		100
74) N-amyl acetate	12.233	43	36643	19.234	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.669	83	33650	21.070	ug/l		94
76) 1,2,3-Trichloropropane	12.727	75	21954m	17.186	ug/l		
77) Bromobenzene	12.698	156	38093	18.693	ug/l		93
78) n-propylbenzene	12.763	91	185912	18.984	ug/l		99
79) 2-Chlorotoluene	12.845	91	111455	19.590	ug/l		98
80) 1,3,5-Trimethylbenzene	12.904	105	127519	19.209	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.469	75	10938	19.109	ug/l		95
82) 4-Chlorotoluene	12.945	91	120512	19.716	ug/l		100
83) tert-Butylbenzene	13.163	119	111356	19.571	ug/l		95
84) 1,2,4-Trimethylbenzene	13.210	105	128131	19.220	ug/l		99
85) sec-Butylbenzene	13.345	105	165967	18.979	ug/l		98
86) p-Isopropyltoluene	13.457	119	135224	18.536	ug/l		99
87) 1,3-Dichlorobenzene	13.457	146	79417	19.048	ug/l		99
88) 1,4-Dichlorobenzene	13.533	146	79373	19.054	ug/l		98
89) n-Butylbenzene	13.786	91	128935	18.273	ug/l		99
90) Hexachloroethane	14.051	117	30606	18.979	ug/l		97
91) 1,2-Dichlorobenzene	13.827	146	71771	19.706	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4842	18.157	ug/l		98
93) 1,2,4-Trichlorobenzene	15.098	180	42327	18.544	ug/l		99
94) Hexachlorobutadiene	15.204	225	23131	18.403	ug/l		96
95) Naphthalene	15.333	128	74628	18.333	ug/l		99
96) 1,2,3-Trichlorobenzene	15.521	180	39355	19.456	ug/l		99

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 Supervised By :Semsettin
 Yesilyurt

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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