

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050724\
 Data File : VD078873.D
 Acq On : 07 May 2024 11:02
 Operator : RP/MD
 Sample : VD0507SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0507SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/08/2024
 Supervised By :Semsettin Yesilyurt 05/08/2024

Quant Time: May 08 04:19:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	119256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	205192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	188422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	103645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	62899	47.518	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.040%		
35) Dibromofluoromethane	7.804	113	73505	48.789	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.580%		
50) Toluene-d8	10.269	98	279054	48.264	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.520%		
62) 4-Bromofluorobenzene	12.574	95	79281	47.912	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	25884	19.200	ug/l	100
3) Chloromethane	2.146	50	34685	17.311	ug/l	96
4) Vinyl Chloride	2.287	62	53986	18.561	ug/l	98
5) Bromomethane	2.681	94	50862	17.525	ug/l	99
6) Chloroethane	2.834	64	47400	19.783	ug/l	97
7) Trichlorofluoromethane	3.175	101	54012	22.818	ug/l	99
8) Diethyl Ether	3.593	74	13676	21.189	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.963	101	32584	22.912	ug/l	96
10) Methyl Iodide	4.163	142	30491	19.148	ug/l	98
11) Tert butyl alcohol	5.063	59	5827	96.102	ug/l	96
12) 1,1-Dichloroethene	3.940	96	28496	20.209	ug/l	92
13) Acrolein	3.798	56	10960	93.589	ug/l	89
14) Allyl chloride	4.557	41	25297	17.873	ug/l	94
15) Acrylonitrile	5.263	53	24938	97.062	ug/l	96
16) Acetone	4.028	43	21416	108.496	ug/l	99
17) Carbon Disulfide	4.263	76	72023	15.446	ug/l	98
18) Methyl Acetate	4.557	43	9371	19.151	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	52129	19.535	ug/l #	91
20) Methylene Chloride	4.798	84	32960	16.744	ug/l	95
21) trans-1,2-Dichloroethene	5.316	96	28135	17.794	ug/l	93
22) Diisopropyl ether	6.222	45	60490	19.327	ug/l	96
23) Vinyl Acetate	6.157	43	179182m	94.962	ug/l	
24) 1,1-Dichloroethane	6.116	63	47112	18.697	ug/l	95
25) 2-Butanone	7.087	43	26822	96.892	ug/l	95
26) 2,2-Dichloropropane	7.075	77	41527	19.532	ug/l	95
27) cis-1,2-Dichloroethene	7.087	96	34256	18.968	ug/l	96
28) Bromochloromethane	7.422	49	19434	20.500	ug/l	97
29) Tetrahydrofuran	7.445	42	15144	93.493	ug/l	91
30) Chloroform	7.598	83	54494	19.380	ug/l	96
31) Cyclohexane	7.881	56	35124	17.873	ug/l	84
32) 1,1,1-Trichloroethane	7.798	97	45783	19.305	ug/l	99
36) 1,1-Dichloropropene	8.010	75	35874	18.512	ug/l	99
37) Ethyl Acetate	7.163	43	12814	19.992	ug/l #	88
38) Carbon Tetrachloride	7.998	117	43239	19.384	ug/l #	89
39) Methylcyclohexane	9.275	83	41508	17.384	ug/l	89
40) Benzene	8.251	78	113997	17.963	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.392	41	6259m	19.774	ug/l	
42) 1,2-Dichloroethane	8.328	62	28816	19.233	ug/l	99
43) Isopropyl Acetate	8.357	43	23001	19.618	ug/l	98
44) Trichloroethene	9.028	130	30173	18.875	ug/l	88
45) 1,2-Dichloropropane	9.298	63	26728	19.205	ug/l	91
46) Dibromomethane	9.392	93	16891	19.063	ug/l	96
47) Bromodichloromethane	9.586	83	40922	18.652	ug/l #	88
48) Methyl methacrylate	9.380	41	10189	18.541	ug/l	92
49) 1,4-Dioxane	9.386	88	3033	375.109	ug/l	90
51) 4-Methyl-2-Pentanone	10.157	43	60094	95.717	ug/l	100
52) Toluene	10.333	92	75784	19.012	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	34869	18.954	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	41555	18.702	ug/l	95
55) 1,1,2-Trichloroethane	10.733	97	22561	19.631	ug/l	97
56) Ethyl methacrylate	10.598	69	21577	18.272	ug/l	98
57) 1,3-Dichloropropane	10.875	76	34651	19.067	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	46223	89.645	ug/l	97
59) 2-Hexanone	10.922	43	42856	96.406	ug/l	98
60) Dibromochloromethane	11.075	129	29650	19.035	ug/l	100
61) 1,2-Dibromoethane	11.180	107	20372	19.114	ug/l	99
64) Tetrachloroethene	10.810	164	26422	20.559	ug/l	98
65) Chlorobenzene	11.604	112	87479	20.230	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.680	131	30877	20.419	ug/l	96
67) Ethyl Benzene	11.680	91	133673	18.899	ug/l	96
68) m/p-Xylenes	11.792	106	110494	38.582	ug/l	98
69) o-Xylene	12.122	106	49401	18.868	ug/l	96
70) Styrene	12.133	104	90814	19.726	ug/l	100
71) Bromoform	12.298	173	17226	21.040	ug/l #	94
73) Isopropylbenzene	12.422	105	127663	18.273	ug/l	100
74) N-amyl acetate	12.233	43	21640	18.621	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	24821	18.962	ug/l	95
76) 1,2,3-Trichloropropane	12.727	75	15760m	18.277	ug/l	
77) Bromobenzene	12.704	156	32779	18.262	ug/l	96
78) n-propylbenzene	12.763	91	156662	18.503	ug/l	98
79) 2-Chlorotoluene	12.845	91	90224	19.092	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	109782	18.923	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	8594	19.473	ug/l	99
82) 4-Chlorotoluene	12.945	91	95309	18.912	ug/l	99
83) tert-Butylbenzene	13.169	119	94869	18.998	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	110235	18.564	ug/l	98
85) sec-Butylbenzene	13.345	105	144724	19.085	ug/l	99
86) p-Isopropyltoluene	13.463	119	122750	18.679	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	71786	19.096	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	72026	19.356	ug/l	97
89) n-Butylbenzene	13.786	91	112489	19.201	ug/l	98
90) Hexachloroethane	14.051	117	27349	19.452	ug/l	100
91) 1,2-Dichlorobenzene	13.827	146	62294	19.363	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3232	18.136	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	35679	19.963	ug/l	94
94) Hexachlorobutadiene	15.204	225	18371	20.065	ug/l	98
95) Naphthalene	15.333	128	60270	18.718	ug/l	98
96) 1,2,3-Trichlorobenzene	15.515	180	31045	19.607	ug/l	98

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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

