

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072624\
 Data File : VD079411.D
 Acq On : 26 Jul 2024 16:47
 Operator : RP/MD
 Sample : VD0726SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0726SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/29/2024
 Supervised By :Semsettin Yesilyurt 07/29/2024

Quant Time: Jul 27 03:34:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 12:23:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	180751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	327912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	302651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	146627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	96201	55.545	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.100%			
35) Dibromofluoromethane	7.805	113	105819	52.720	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.440%			
50) Toluene-d8	10.269	98	393750	50.397	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.800%			
62) 4-Bromofluorobenzene	12.569	95	124757	51.011	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	23800	14.944	ug/l	95
3) Chloromethane	2.140	50	7911	9.613	ug/l	92
4) Vinyl Chloride	2.281	62	9100	14.409	ug/l	100
5) Bromomethane	2.670	94	13232	19.956	ug/l	100
6) Chloroethane	2.828	64	9103	22.099	ug/l	92
7) Trichlorofluoromethane	3.164	101	67527	19.843	ug/l	98
8) Diethyl Ether	3.587	74	20252	21.106	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.970	101	42734	18.450	ug/l	97
10) Methyl Iodide	4.158	142	44127	16.830	ug/l	95
11) Tert butyl alcohol	5.058	59	11579	111.875	ug/l #	86
12) 1,1-Dichloroethene	3.934	96	40292	18.862	ug/l	91
13) Acrolein	3.799	56	17464	109.678	ug/l	97
14) Allyl chloride	4.558	41	51436	21.624	ug/l	88
15) Acrylonitrile	5.252	53	46599	107.893	ug/l	96
16) Acetone	4.017	43	33472	105.727	ug/l	95
17) Carbon Disulfide	4.264	76	129375	18.175	ug/l	96
18) Methyl Acetate	4.552	43	23011	22.464	ug/l	89
19) Methyl tert-butyl Ether	5.311	73	85868	20.193	ug/l	99
20) Methylene Chloride	4.793	84	67927	18.363	ug/l #	82
21) trans-1,2-Dichloroethene	5.305	96	45870	19.008	ug/l	96
22) Diisopropyl ether	6.211	45	119926	21.800	ug/l #	93
23) Vinyl Acetate	6.152	43	431239	104.708	ug/l	96
24) 1,1-Dichloroethane	6.105	63	81860	20.677	ug/l	97
25) 2-Butanone	7.075	43	49285	101.442	ug/l	89
26) 2,2-Dichloropropane	7.069	77	67631	19.876	ug/l	100
27) cis-1,2-Dichloroethene	7.069	96	54113	19.440	ug/l	89
28) Bromochloromethane	7.422	49	33744	20.279	ug/l #	79
29) Tetrahydrofuran	7.440	42	31779	102.496	ug/l #	85
30) Chloroform	7.593	83	88020	19.382	ug/l	90
31) Cyclohexane	7.875	56	60415	17.648	ug/l #	89
32) 1,1,1-Trichloroethane	7.793	97	73349	19.209	ug/l	99
36) 1,1-Dichloropropene	8.005	75	59029	18.442	ug/l	96
37) Ethyl Acetate	7.163	43	23716	19.962	ug/l	98
38) Carbon Tetrachloride	7.993	117	62673	17.923	ug/l	98
39) Methylcyclohexane	9.269	83	68762	17.930	ug/l	90
40) Benzene	8.246	78	191944	19.203	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.387	41	12088m	19.633	ug/l	
42) 1,2-Dichloroethane	8.322	62	46444	18.984	ug/l	98
43) Isopropyl Acetate	8.363	43	43100	19.306	ug/l #	81
44) Trichloroethene	9.022	130	45529	19.010	ug/l	87
45) 1,2-Dichloropropane	9.305	63	46985	19.128	ug/l	97
46) Dibromomethane	9.387	93	27104	19.176	ug/l	92
47) Bromodichloromethane	9.581	83	68415	19.742	ug/l	99
48) Methyl methacrylate	9.375	41	18696	17.844	ug/l	93
49) 1,4-Dioxane	9.387	88	5540	393.195	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	112605	92.650	ug/l	97
52) Toluene	10.334	92	122589	19.936	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	57622	19.002	ug/l	97
54) cis-1,3-Dichloropropene	10.010	75	70436	19.147	ug/l	94
55) 1,1,2-Trichloroethane	10.728	97	36060	19.389	ug/l	93
56) Ethyl methacrylate	10.593	69	39787	18.979	ug/l	97
57) 1,3-Dichloropropane	10.881	76	58408	18.792	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	87216	98.364	ug/l	92
59) 2-Hexanone	10.916	43	79068	94.588	ug/l	99
60) Dibromochloromethane	11.069	129	44673	18.774	ug/l	92
61) 1,2-Dibromoethane	11.175	107	33469	18.810	ug/l	93
64) Tetrachloroethene	10.804	164	37098	18.573	ug/l	91
65) Chlorobenzene	11.604	112	131445	19.528	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	44364	19.176	ug/l	96
67) Ethyl Benzene	11.681	91	216735	19.234	ug/l	97
68) m/p-Xylenes	11.793	106	169622	38.142	ug/l	86
69) o-Xylene	12.116	106	76142	19.148	ug/l	84
70) Styrene	12.134	104	141400	19.738	ug/l	96
71) Bromoform	12.293	173	24651	19.882	ug/l #	94
73) Isopropylbenzene	12.416	105	201402	19.384	ug/l	97
74) N-amyl acetate	12.228	43	41462	19.047	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.669	83	42119	19.760	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	25438m	16.288	ug/l	
77) Bromobenzene	12.698	156	48565	20.105	ug/l	81
78) n-propylbenzene	12.763	91	256308	19.327	ug/l	95
79) 2-Chlorotoluene	12.845	91	146941	19.527	ug/l	93
80) 1,3,5-Trimethylbenzene	12.898	105	174300	19.571	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.463	75	13993	19.502	ug/l	97
82) 4-Chlorotoluene	12.945	91	156271	19.884	ug/l	94
83) tert-Butylbenzene	13.163	119	141720	19.339	ug/l	91
84) 1,2,4-Trimethylbenzene	13.210	105	176054	19.741	ug/l	94
85) sec-Butylbenzene	13.340	105	225324	19.586	ug/l	94
86) p-Isopropyltoluene	13.457	119	183103	19.521	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	102384	20.202	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	99804	19.689	ug/l	94
89) n-Butylbenzene	13.787	91	177350	19.592	ug/l	97
90) Hexachloroethane	14.051	117	41187	19.875	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	89497	20.247	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.440	75	5601	20.166	ug/l	88
93) 1,2,4-Trichlorobenzene	15.092	180	48650	20.759	ug/l	94
94) Hexachlorobutadiene	15.198	225	27060	19.574	ug/l	96
95) Naphthalene	15.328	128	90013	19.655	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	41757	19.870	ug/l	97

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

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