

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072624\
 Data File : VD079407.D
 Acq On : 26 Jul 2024 12:11
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD072624

Quant Time: Jul 27 03:40:09 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	189180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	335171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	316544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	152556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	91533	50.255	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.520%			
35) Dibromofluoromethane	7.805	113	100303	48.706	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.420%			
50) Toluene-d8	10.269	98	380542	47.627	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.260%			
62) 4-Bromofluorobenzene	12.569	95	115203	46.142	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 92.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	95817	54.046	ug/l	99
3) Chloromethane	2.140	50	45038	59.130	ug/l	98
4) Vinyl Chloride	2.281	62	33602	47.799	ug/l	92
5) Bromomethane	2.687	94	44584	57.067	ug/l	99
6) Chloroethane	2.834	64	28681	57.766	ug/l	96
7) Trichlorofluoromethane	3.170	101	187799	54.485	ug/l	95
8) Diethyl Ether	3.587	74	54993	51.447	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.958	101	117958	53.107	ug/l	95
10) Methyl Iodide	4.158	142	132861	47.155	ug/l	97
11) Tert butyl alcohol	5.058	59	28361	263.027	ug/l #	97
12) 1,1-Dichloroethene	3.934	96	111825	50.659	ug/l	94
13) Acrolein	3.787	56	41021	242.364	ug/l	99
14) Allyl chloride	4.558	41	138238	51.521	ug/l	89
15) Acrylonitrile	5.252	53	125766	269.710	ug/l	98
16) Acetone	4.022	43	96086	270.676	ug/l	94
17) Carbon Disulfide	4.264	76	382628	52.453	ug/l	100
18) Methyl Acetate	4.564	43	60255	55.244	ug/l	88
19) Methyl tert-butyl Ether	5.311	73	249249	53.168	ug/l	96
20) Methylene Chloride	4.793	84	152008	51.999	ug/l	88
21) trans-1,2-Dichloroethene	5.305	96	128580	52.476	ug/l	90
22) Diisopropyl ether	6.211	45	322559	54.998	ug/l #	94
23) Vinyl Acetate	6.152	43	1265137	276.234	ug/l #	93
24) 1,1-Dichloroethane	6.111	63	218099	54.072	ug/l	98
25) 2-Butanone	7.081	43	141687	270.778	ug/l	97
26) 2,2-Dichloropropane	7.069	77	174116	51.971	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	143920	50.264	ug/l	88
28) Bromochloromethane	7.422	49	91012	54.873	ug/l #	76
29) Tetrahydrofuran	7.446	42	91579	273.017	ug/l	88
30) Chloroform	7.593	83	226948	52.356	ug/l	99
31) Cyclohexane	7.881	56	171488	50.879	ug/l	87
32) 1,1,1-Trichloroethane	7.793	97	191852	52.647	ug/l	98
36) 1,1-Dichloropropene	8.005	75	162313	50.746	ug/l	95
37) Ethyl Acetate	7.163	43	65410	52.705	ug/l	98
38) Carbon Tetrachloride	7.987	117	168986	50.989	ug/l	99
39) Methylcyclohexane	9.269	83	195736	48.786	ug/l	93
40) Benzene	8.252	78	505873	50.621	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	35376	52.848	ug/l #	86
42) 1,2-Dichloroethane	8.322	62	121025	51.774	ug/l	96
43) Isopropyl Acetate	8.363	43	120591	52.343	ug/l	96
44) Trichloroethene	9.028	130	116083	49.362	ug/l	85
45) 1,2-Dichloropropane	9.305	63	122324	51.113	ug/l	99
46) Dibromomethane	9.393	93	71216	51.622	ug/l	93
47) Bromodichloromethane	9.581	83	174459	52.123	ug/l	99
48) Methyl methacrylate	9.381	41	55859	51.086	ug/l	90
49) 1,4-Dioxane	9.381	88	14648	1009.274	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	323771	262.486	ug/l	98
52) Toluene	10.334	92	315065	49.454	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	158370	50.897	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	187380	49.914	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	95257	53.020	ug/l	96
56) Ethyl methacrylate	10.599	69	113995	49.703	ug/l	95
57) 1,3-Dichloropropane	10.875	76	158679	51.703	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	252273	268.237	ug/l	92
59) 2-Hexanone	10.922	43	228055	263.803	ug/l	99
60) Dibromochloromethane	11.069	129	120217	51.532	ug/l	100
61) 1,2-Dibromoethane	11.175	107	89484	51.262	ug/l	95
64) Tetrachloroethene	10.810	164	97997	49.756	ug/l	92
65) Chlorobenzene	11.604	112	336900	49.613	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.675	131	114775	49.526	ug/l	96
67) Ethyl Benzene	11.681	91	589173	48.576	ug/l	100
68) m/p-Xylenes	11.793	106	460880	96.808	ug/l	89
69) o-Xylene	12.116	106	210341	48.069	ug/l	87
70) Styrene	12.134	104	381960	49.147	ug/l	96
71) Bromoform	12.293	173	65008	50.815	ug/l #	98
73) Isopropylbenzene	12.416	105	547556	49.881	ug/l	97
74) N-amyl acetate	12.228	43	116122	52.664	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.669	83	109818	54.124	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	81231m	54.802	ug/l	
77) Bromobenzene	12.698	156	126453	50.962	ug/l	84
78) n-propylbenzene	12.757	91	682289	50.263	ug/l	95
79) 2-Chlorotoluene	12.846	91	384361	50.158	ug/l	91
80) 1,3,5-Trimethylbenzene	12.898	105	460726	49.962	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.463	75	38224	53.255	ug/l	99
82) 4-Chlorotoluene	12.946	91	407187	51.269	ug/l	92
83) tert-Butylbenzene	13.163	119	377541	48.524	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	470666	49.931	ug/l	96
85) sec-Butylbenzene	13.340	105	593347	49.760	ug/l	96
86) p-Isopropyltoluene	13.457	119	498351	49.515	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	261543	50.836	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	254394	50.415	ug/l	96
89) n-Butylbenzene	13.787	91	468323	48.809	ug/l	97
90) Hexachloroethane	14.051	117	101380	49.761	ug/l	91
91) 1,2-Dichlorobenzene	13.828	146	225712	50.830	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	15211	53.890	ug/l	84
93) 1,2,4-Trichlorobenzene	15.092	180	122826	48.372	ug/l	96
94) Hexachlorobutadiene	15.198	225	66437	48.592	ug/l	95
95) Naphthalene	15.328	128	261821	50.268	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	112013	49.692	ug/l	98

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

