

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079592.D
 Acq On : 05 Aug 2024 20:29
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 06 02:50:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben
 Patel

08/06/2024
 Supervised By :Mahesh
 Dadoda

08/08/2024
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 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	228678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	404300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	402815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	196792	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	119988	51.649	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.300%	
35) Dibromofluoromethane	7.804	113	126539	46.241	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.480%	
50) Toluene-d8	10.269	98	504678	47.491	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.980%	
62) 4-Bromofluorobenzene	12.569	95	159929	52.006	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.020%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	89225	49.798	ug/l	99
3) Chloromethane	2.146	50	177452	53.751	ug/l	95
4) Vinyl Chloride	2.281	62	206728	52.665	ug/l	100
5) Bromomethane	2.681	94	122076	49.231	ug/l	97
6) Chloroethane	2.828	64	113422	44.966	ug/l	98
7) Trichlorofluoromethane	3.169	101	198661	50.890	ug/l	95
8) Diethyl Ether	3.593	74	66616	56.492	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.963	101	125171	50.697	ug/l	96
10) Methyl Iodide	4.157	142	155107	51.520	ug/l	97
11) Tert butyl alcohol	5.051	59	35106	326.955	ug/l #	85
12) 1,1-Dichloroethene	3.934	96	124310	50.311	ug/l	85
13) Acrolein	3.793	56	33868	206.990	ug/l	94
14) Allyl chloride	4.557	41	171887	52.682	ug/l	88
15) Acrylonitrile	5.257	53	160233	290.786	ug/l	98
16) Acetone	4.022	43	118908	263.370	ug/l	96
17) Carbon Disulfide	4.263	76	405565	49.727	ug/l	99
18) Methyl Acetate	4.563	43	79772	56.908	ug/l #	83
19) Methyl tert-butyl Ether	5.322	73	294287	58.350	ug/l	99
20) Methylene Chloride	4.798	84	191572	59.470	ug/l #	86
21) trans-1,2-Dichloroethene	5.304	96	147572	53.166	ug/l	87
22) Diisopropyl ether	6.216	45	426337	58.728	ug/l #	94
23) Vinyl Acetate	6.151	43	1652622	302.839	ug/l #	91
24) 1,1-Dichloroethane	6.110	63	266754	54.833	ug/l	97
25) 2-Butanone	7.081	43	181729	283.916	ug/l	93
26) 2,2-Dichloropropane	7.075	77	195079	49.575	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	172497	54.369	ug/l	89
28) Bromochloromethane	7.422	49	112371	52.675	ug/l #	72
29) Tetrahydrofuran	7.445	42	118362	298.384	ug/l #	82
30) Chloroform	7.598	83	268907	54.583	ug/l	97
31) Cyclohexane	7.875	56	192249	49.828	ug/l	84
32) 1,1,1-Trichloroethane	7.792	97	215596	53.034	ug/l	98
36) 1,1-Dichloropropene	8.004	75	184795	49.476	ug/l	96
37) Ethyl Acetate	7.169	43	85366	55.745	ug/l #	93
38) Carbon Tetrachloride	7.987	117	188771	48.077	ug/l	95
39) Methylcyclohexane	9.275	83	220074	49.383	ug/l	92
40) Benzene	8.251	78	608423	51.287	ug/l	97

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41) Methacrylonitrile	7.398	41	44146	52.409	ug/l	86	08/08/2024
42) 1,2-Dichloroethane	8.322	62	147446	52.158	ug/l	96	Supervised By :Mahesh Dadoda
43) Isopropyl Acetate	8.363	43	158074	54.923	ug/l #	93	
44) Trichloroethene	9.028	130	142779	48.349	ug/l	97	
45) 1,2-Dichloropropane	9.304	63	153383	53.129	ug/l	97	
46) Dibromomethane	9.392	93	85626	53.501	ug/l	92	
47) Bromodichloromethane	9.581	83	210128	53.470	ug/l	98	08/08/2024
48) Methyl methacrylate	9.381	41	74855	58.116	ug/l	82	
49) 1,4-Dioxane	9.381	88	19097	1151.544	ug/l	92	
51) 4-Methyl-2-Pentanone	10.157	43	436200	296.856	ug/l	94	
52) Toluene	10.334	92	386126	52.628	ug/l	99	
53) t-1,3-Dichloropropene	10.551	75	195455	53.858	ug/l	99	
54) cis-1,3-Dichloropropene	10.016	75	232852	53.342	ug/l	95	
55) 1,1,2-Trichloroethane	10.733	97	113249	53.716	ug/l	95	
56) Ethyl methacrylate	10.598	69	146369	58.593	ug/l	89	
57) 1,3-Dichloropropane	10.875	76	196844	54.945	ug/l	99	
58) 2-Chloroethyl Vinyl ether	9.869	63	313490	272.118	ug/l	91	
59) 2-Hexanone	10.922	43	300633	293.359	ug/l	98	
60) Dibromochloromethane	11.069	129	145204	52.722	ug/l	98	
61) 1,2-Dibromoethane	11.181	107	106089	53.713	ug/l	93	
64) Tetrachloroethene	10.810	164	124160	45.711	ug/l	96	
65) Chlorobenzene	11.604	112	435574	48.832	ug/l	100	
66) 1,1,1,2-Tetrachloroethane	11.675	131	149057	50.790	ug/l	95	
67) Ethyl Benzene	11.681	91	752366	51.524	ug/l	98	
68) m/p-Xylenes	11.792	106	586538	101.245	ug/l	94	
69) o-Xylene	12.116	106	282186	53.141	ug/l	92	
70) Styrene	12.133	104	486265	52.233	ug/l	97	
71) Bromoform	12.298	173	82371	49.649	ug/l #	100	
73) Isopropylbenzene	12.416	105	712512	48.462	ug/l	99	
74) N-amyl acetate	12.233	43	167351	57.818	ug/l	91	
75) 1,1,2,2-Tetrachloroethane	12.669	83	137723	53.871	ug/l	95	
76) 1,2,3-Trichloropropane	12.722	75	101779m	59.168	ug/l		
77) Bromobenzene	12.698	156	164725	49.920	ug/l	88	
78) n-propylbenzene	12.757	91	860794	52.328	ug/l	98	
79) 2-Chlorotoluene	12.845	91	475162	51.876	ug/l	97	
80) 1,3,5-Trimethylbenzene	12.898	105	578809	52.801	ug/l	98	
81) trans-1,4-Dichloro-2-b...	12.463	75	47664	52.849	ug/l	97	
82) 4-Chlorotoluene	12.945	91	491837	51.508	ug/l	97	
83) tert-Butylbenzene	13.163	119	508739	48.063	ug/l	95	
84) 1,2,4-Trimethylbenzene	13.210	105	591556	48.104	ug/l	99	
85) sec-Butylbenzene	13.339	105	758333	52.010	ug/l	100	
86) p-Isopropyltoluene	13.457	119	648089	47.206	ug/l	98	
87) 1,3-Dichlorobenzene	13.457	146	333890	48.849	ug/l	97	
88) 1,4-Dichlorobenzene	13.533	146	325795	48.481	ug/l	98	
89) n-Butylbenzene	13.780	91	617546	48.586	ug/l	99	
90) Hexachloroethane	14.051	117	128685	50.460	ug/l	97	
91) 1,2-Dichlorobenzene	13.827	146	290246	49.685	ug/l	96	
92) 1,2-Dibromo-3-Chloropr...	14.445	75	20041	58.915	ug/l	95	
93) 1,2,4-Trichlorobenzene	15.098	180	194046	52.722	ug/l	98	
94) Hexachlorobutadiene	15.198	225	94783	47.714	ug/l	99	
95) Naphthalene	15.327	128	390259	61.262	ug/l	99	
96) 1,2,3-Trichlorobenzene	15.516	180	174265	53.825	ug/l	99	

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

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