

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080922\
 Data File : VD073998.D
 Acq On : 09 Aug 2022 17:51
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD080922

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/10/2022
 Supervised By :Mahesh Dadoda 08/11/2022

Quant Time: Aug 10 01:07:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 01:05:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	166696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	276034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	255215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	134974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	55538	37.579	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	75.160%		
35) Dibromofluoromethane	7.903	113	70226	41.647	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	83.300%		
50) Toluene-d8	10.326	98	181085	36.354	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	72.700%		
62) 4-Bromofluorobenzene	12.620	95	95859	44.778	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	58946	46.432	ug/l	96
3) Chloromethane	2.209	50	89209	51.663	ug/l	98
4) Vinyl Chloride	2.344	62	124027	43.930	ug/l	99
5) Bromomethane	2.762	94	75044	50.275	ug/l	99
6) Chloroethane	2.915	64	86016	42.825	ug/l	96
7) Trichlorofluoromethane	3.262	101	239441	74.940	ug/l	95
8) Diethyl Ether	3.703	74	35702	51.584	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.079	101	78799	46.197	ug/l	99
10) Methyl Iodide	4.285	142	66078	43.945	ug/l	98
11) Tert butyl alcohol	5.232	59	26530	217.681	ug/l #	90
12) 1,1-Dichloroethene	4.050	96	65854	46.453	ug/l	98
13) Acrolein	3.915	56	22535	232.112	ug/l	98
14) Allyl chloride	4.703	41	89982	46.766	ug/l	99
15) Acrylonitrile	5.409	53	81080	249.755	ug/l	99
16) Acetone	4.156	43	80425	260.966	ug/l	90
17) Carbon Disulfide	4.391	76	144162	47.691	ug/l	100
18) Methyl Acetate	4.715	43	38820	53.303	ug/l	97
19) Methyl tert-butyl Ether	5.467	73	193319	53.045	ug/l	98
20) Methylene Chloride	4.950	84	112897	61.871	ug/l	92
21) trans-1,2-Dichloroethene	5.462	96	78393	47.159	ug/l	98
22) Diisopropyl ether	6.356	45	226792	52.846	ug/l	95
23) Vinyl Acetate	6.297	43	626537	53.396	ug/l	99
24) 1,1-Dichloroethane	6.244	63	141959	47.953	ug/l	99
25) 2-Butanone	7.197	43	112285	240.304	ug/l	99
26) 2,2-Dichloropropane	7.197	77	142953	46.880	ug/l	100
27) cis-1,2-Dichloroethene	7.197	96	92278	47.457	ug/l	98
28) Bromochloromethane	7.538	49	44078	46.767	ug/l #	98
29) Tetrahydrofuran	7.556	42	66671	259.802	ug/l	97
30) Chloroform	7.697	83	167718	48.861	ug/l	94
31) Cyclohexane	7.973	56	100262	49.181	ug/l	99
32) 1,1,1-Trichloroethane	7.891	97	153688	47.198	ug/l	99
36) 1,1-Dichloropropene	8.097	75	108913	45.888	ug/l	100
37) Ethyl Acetate	7.279	43	48328	46.100	ug/l #	95
38) Carbon Tetrachloride	8.079	117	133247	47.687	ug/l	97
39) Methylcyclohexane	9.344	83	119155	47.110	ug/l	93
40) Benzene	8.338	78	305769	45.782	ug/l	98

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41) Methacrylonitrile	7.508	41	26657	49.737	ug/l	97
42) 1,2-Dichloroethane	8.414	62	101272	47.278	ug/l	99
43) Isopropyl Acetate	8.438	43	96020	49.211	ug/l	99
44) Trichloroethene	9.103	130	92075	46.973	ug/l	99
45) 1,2-Dichloropropane	9.373	63	79762	48.749	ug/l	96
46) Dibromomethane	9.461	93	51514	47.588	ug/l	99
47) Bromodichloromethane	9.650	83	131283	48.322	ug/l #	96
48) Methyl methacrylate	9.444	41	40567	46.408	ug/l	98
49) 1,4-Dioxane	9.455	88	11725	957.003	ug/l	98
51) 4-Methyl-2-Pentanone	10.214	43	259491	257.640	ug/l	99
52) Toluene	10.391	92	214326	48.646	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	121854	51.425	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	135477	50.101	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	70319	49.447	ug/l	96
56) Ethyl methacrylate	10.650	69	82330	53.327	ug/l	98
57) 1,3-Dichloropropane	10.932	76	110143	48.845	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.926	63	143205	265.800	ug/l	96
59) 2-Hexanone	10.973	43	182954	267.948	ug/l	99
60) Dibromochloromethane	11.126	129	96277	50.860	ug/l	99
61) 1,2-Dibromoethane	11.232	107	68010	49.065	ug/l	100
64) Tetrachloroethene	10.867	164	74902	46.137	ug/l	96
65) Chlorobenzene	11.655	112	242749	49.747	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.732	131	97701	51.254	ug/l	100
67) Ethyl Benzene	11.732	91	428768	50.803	ug/l	99
68) m/p-Xylenes	11.844	106	347433	102.511	ug/l	98
69) o-Xylene	12.167	106	164348	52.752	ug/l	96
70) Styrene	12.179	104	288989	53.012	ug/l	99
71) Bromoform	12.344	173	60258	53.000	ug/l #	98
73) Isopropylbenzene	12.467	105	438586	50.154	ug/l	99
74) N-amyl acetate	12.273	43	94646	50.761	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	83774	49.258	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	53060m	51.865	ug/l	
77) Bromobenzene	12.744	156	105277	49.236	ug/l	97
78) n-propylbenzene	12.808	91	542003	50.431	ug/l	100
79) 2-Chlorotoluene	12.891	91	303957	49.793	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	384818	51.466	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.508	75	24972	52.463	ug/l	95
82) 4-Chlorotoluene	12.991	91	322773	49.770	ug/l	100
83) tert-Butylbenzene	13.208	119	335370	51.764	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	377196	50.272	ug/l	96
85) sec-Butylbenzene	13.385	105	497900	50.541	ug/l	99
86) p-Isopropyltoluene	13.502	119	429817	51.711	ug/l	99
87) 1,3-Dichlorobenzene	13.496	146	223252	49.765	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	220323	48.554	ug/l	99
89) n-Butylbenzene	13.826	91	394251	50.586	ug/l	99
90) Hexachloroethane	14.091	117	81632	48.798	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	197751	51.071	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	14013	46.151	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	119409	51.237	ug/l	100
94) Hexachlorobutadiene	15.243	225	63120	47.883	ug/l	96
95) Naphthalene	15.379	128	233914	53.367	ug/l	100
96) 1,2,3-Trichlorobenzene	15.567	180	106367	50.612	ug/l	99

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

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