

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072524\
 Data File : VSTDIC005.D
 Acq On : 25 Jul 2024 10:18
 Operator : RP/MD
 Sample : VSTDIC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 26 05:33:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 05:31:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	167249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	322486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	303349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	137504	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.234	65	9632	5.554	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.100%#
35) Dibromofluoromethane	7.805	113	10273	4.980	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.960%#
50) Toluene-d8	10.269	98	37037	4.801	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.600%#
62) 4-Bromofluorobenzene	12.569	95	10740	4.562	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	9.120%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	6970	5.555	ug/l	99
3) Chloromethane	2.140	50	3627	5.196	ug/l #	83
4) Vinyl Chloride	2.276	62	4094	8.730	ug/l	94
5) Bromomethane	2.693	94	6331	Below Cal		90
6) Chloroethane	2.834	64	3749	7.850	ug/l #	83
7) Trichlorofluoromethane	3.170	101	17678	5.544	ug/l	97
8) Diethyl Ether	3.587	74	4388	4.798	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.964	101	12035	5.719	ug/l	88
10) Methyl Iodide	4.158	142	9416	4.088	ug/l	98
11) Tert butyl alcohol	5.069	59	1627	19.226	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	9916	5.078	ug/l #	85
13) Acrolein	3.799	56	3969	22.372	ug/l	99
14) Allyl chloride	4.552	41	11365	6.860	ug/l	87
15) Acrylonitrile	5.264	53	11191	26.827	ug/l #	91
16) Acetone	4.028	43	8468	28.028	ug/l #	81
17) Carbon Disulfide	4.270	76	34750	5.278	ug/l	99
18) Methyl Acetate	4.570	43	6185	5.911	ug/l #	76
19) Methyl tert-butyl Ether	5.305	73	19010	4.746	ug/l #	88
20) Methylene Chloride	4.799	84	32125	3.915	ug/l #	90
21) trans-1,2-Dichloroethene	5.305	96	10803	4.934	ug/l	95
22) Diisopropyl ether	6.211	45	25051	4.831	ug/l #	79
23) Vinyl Acetate	6.152	43	92993	23.755	ug/l	96
24) 1,1-Dichloroethane	6.111	63	20951	5.573	ug/l	98
25) 2-Butanone	7.087	43	13231	28.005	ug/l	93
26) 2,2-Dichloropropane	7.069	77	19543	6.088	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	13104	5.144	ug/l	85
28) Bromochloromethane	7.428	49	8736	5.651	ug/l #	71
29) Tetrahydrofuran	7.446	42	7283	24.764	ug/l #	82
30) Chloroform	7.599	83	23185	5.644	ug/l	92
31) Cyclohexane	7.875	56	16962	5.469	ug/l #	77
32) 1,1,1-Trichloroethane	7.793	97	18618	5.419	ug/l	95
36) 1,1-Dichloropropene	8.011	75	14071	4.636	ug/l	93
37) Ethyl Acetate	7.169	43	5571	4.902	ug/l #	87
38) Carbon Tetrachloride	7.993	117	18006	5.418	ug/l	95
39) Methylcyclohexane	9.269	83	15276	4.198	ug/l	98
40) Benzene	8.246	78	46568	4.852	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	2893	4.633	ug/l #	80
42) 1,2-Dichloroethane	8.328	62	12145	5.221	ug/l	100
43) Isopropyl Acetate	8.363	43	9779	4.538	ug/l	98
44) Trichloroethene	9.034	130	11576	5.051	ug/l	99
45) 1,2-Dichloropropane	9.299	63	11311	4.882	ug/l	100
46) Dibromomethane	9.399	93	6965	5.117	ug/l	90
47) Bromodichloromethane	9.581	83	17426	5.266	ug/l	89
48) Methyl methacrylate	9.381	41	3975	3.983	ug/l	88
49) 1,4-Dioxane	9.375	88	681	54.930	ug/l #	42
51) 4-Methyl-2-Pentanone	10.157	43	25396	22.126	ug/l	92
52) Toluene	10.334	92	25927	4.405	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	13544	4.636	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	16197	4.584	ug/l	95
55) 1,1,2-Trichloroethane	10.728	97	8939	5.046	ug/l #	84
56) Ethyl methacrylate	10.599	69	8249	4.075	ug/l	94
57) 1,3-Dichloropropane	10.881	76	14945	5.032	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	17698	20.905	ug/l #	87
59) 2-Hexanone	10.916	43	18147	22.817	ug/l	91
60) Dibromochloromethane	11.075	129	11307	4.968	ug/l	96
61) 1,2-Dibromoethane	11.175	107	8707	5.100	ug/l	100
64) Tetrachloroethene	10.810	164	9435	4.905	ug/l	89
65) Chlorobenzene	11.610	112	32776	4.968	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.681	131	11932	5.213	ug/l	96
67) Ethyl Benzene	11.681	91	46052	4.202	ug/l	99
68) m/p-Xylenes	11.793	106	36564	8.446	ug/l	98
69) o-Xylene	12.116	106	16015	4.123	ug/l	88
70) Styrene	12.134	104	26482	3.845	ug/l	93
71) Bromoform	12.293	173	6374	5.161	ug/l #	99
73) Isopropylbenzene	12.416	105	40656	4.316	ug/l	100
74) N-amyl acetate	12.234	43	8212	4.260	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	10540	5.425	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	11845	5.520	ug/l #	100
77) Bromobenzene	12.698	156	10614	4.798	ug/l	81
78) n-propylbenzene	12.757	91	52355	4.430	ug/l	93
79) 2-Chlorotoluene	12.846	91	32325	4.753	ug/l	89
80) 1,3,5-Trimethylbenzene	12.899	105	32536	4.109	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	2939	4.599	ug/l	97
82) 4-Chlorotoluene	12.946	91	31028	4.404	ug/l	94
83) tert-Butylbenzene	13.163	119	28581	4.314	ug/l	91
84) 1,2,4-Trimethylbenzene	13.210	105	32629	4.083	ug/l	96
85) sec-Butylbenzene	13.346	105	45587	4.413	ug/l	93
86) p-Isopropyltoluene	13.457	119	32774	3.895	ug/l	93
87) 1,3-Dichlorobenzene	13.457	146	22429	4.845	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	24255	5.193	ug/l	93
89) n-Butylbenzene	13.781	91	35294	4.323	ug/l	98
90) Hexachloroethane	14.051	117	10789	5.628	ug/l	90
91) 1,2-Dichlorobenzene	13.828	146	19864	4.943	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.440	75	1383	5.377	ug/l	78
93) 1,2,4-Trichlorobenzene	15.092	180	10623	4.854	ug/l	98
94) Hexachlorobutadiene	15.198	225	6705	5.322	ug/l	92
95) Naphthalene	15.328	128	18430	4.410	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.510	180	9463	4.854	ug/l	96

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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

