

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081224\
 Data File : VD079705.D
 Acq On : 12 Aug 2024 11:48
 Operator : RP/MD
 Sample : VSTDICC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024
 Supervised By :Mahesh Dadoda 08/13/2024

Quant Time: Aug 12 14:32:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 12 14:24:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	178356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	332223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	303756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	153687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	43232	21.069	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	42.140%#		
35) Dibromofluoromethane	7.805	113	42107	20.559	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	41.120%#		
50) Toluene-d8	10.269	98	177335	20.717	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	41.440%#		
62) 4-Bromofluorobenzene	12.569	95	49128	20.497	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	41.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	42452	26.666	ug/l	100
3) Chloromethane	2.146	50	75902	22.034	ug/l	98
4) Vinyl Chloride	2.281	62	86752	21.304	ug/l	99
5) Bromomethane	2.681	94	56915	20.534	ug/l	99
6) Chloroethane	2.834	64	58756	21.138	ug/l	98
7) Trichlorofluoromethane	3.170	101	79338	21.785	ug/l	99
8) Diethyl Ether	3.587	74	23583	20.708	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.970	101	45911	21.414	ug/l	94
10) Methyl Iodide	4.164	142	48706	20.297	ug/l	94
11) Tert butyl alcohol	5.052	59	13187	129.604	ug/l #	79
12) 1,1-Dichloroethene	3.934	96	47120	21.019	ug/l	92
13) Acrolein	3.793	56	24838	104.064	ug/l	97
14) Allyl chloride	4.552	41	68461	20.360	ug/l #	83
15) Acrylonitrile	5.252	53	53813	102.648	ug/l	100
16) Acetone	4.028	43	39582	94.670	ug/l #	87
17) Carbon Disulfide	4.264	76	168111	21.154	ug/l	98
18) Methyl Acetate	4.558	43	29777	21.285	ug/l #	80
19) Methyl tert-butyl Ether	5.322	73	95605	20.769	ug/l	98
20) Methylene Chloride	4.799	84	72976	22.512	ug/l	88
21) trans-1,2-Dichloroethene	5.311	96	50669	20.586	ug/l #	86
22) Diisopropyl ether	6.211	45	152923	22.069	ug/l #	87
23) Vinyl Acetate	6.152	43	537830	105.893	ug/l #	90
24) 1,1-Dichloroethane	6.111	63	97901	21.373	ug/l	97
25) 2-Butanone	7.081	43	60241	95.424	ug/l	93
26) 2,2-Dichloropropane	7.075	77	71963	19.893	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	58974	20.656	ug/l	88
28) Bromochloromethane	7.422	49	41935	21.521	ug/l #	64
29) Tetrahydrofuran	7.446	42	40467	105.445	ug/l #	80
30) Chloroform	7.593	83	90460	20.337	ug/l	98
31) Cyclohexane	7.869	56	78403	20.904	ug/l #	80
32) 1,1,1-Trichloroethane	7.793	97	73832	20.063	ug/l	95
36) 1,1-Dichloropropene	8.005	75	67106	21.137	ug/l	93
37) Ethyl Acetate	7.169	43	31927	22.222	ug/l #	93
38) Carbon Tetrachloride	7.993	117	68080	21.127	ug/l	93
39) Methylcyclohexane	9.275	83	75737	20.184	ug/l #	86
40) Benzene	8.252	78	216124	20.931	ug/l	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	15636	21.468	ug/l #	84
42) 1,2-Dichloroethane	8.322	62	50828	21.297	ug/l	97
43) Isopropyl Acetate	8.358	43	51236	20.448	ug/l	94
44) Trichloroethene	9.022	130	46037	20.300	ug/l	87
45) 1,2-Dichloropropane	9.305	63	53625	21.100	ug/l	97
46) Dibromomethane	9.393	93	28002	21.763	ug/l #	87
47) Bromodichloromethane	9.581	83	67868	20.925	ug/l	98
48) Methyl methacrylate	9.375	41	24542	21.294	ug/l #	80
49) 1,4-Dioxane	9.381	88	5362	414.061	ug/l #	78
51) 4-Methyl-2-Pentanone	10.157	43	136686	106.031	ug/l	90
52) Toluene	10.334	92	127892	20.656	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	61909	20.419	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	77317	20.778	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	36335	21.184	ug/l	92
56) Ethyl methacrylate	10.593	69	43193	22.125	ug/l #	85
57) 1,3-Dichloropropane	10.881	76	64066	21.666	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	99280	106.141	ug/l	89
59) 2-Hexanone	10.922	43	96265	111.553	ug/l	91
60) Dibromochloromethane	11.075	129	43717	20.687	ug/l	92
61) 1,2-Dibromoethane	11.175	107	32926	21.618	ug/l	96
64) Tetrachloroethene	10.810	164	37386	20.143	ug/l	89
65) Chlorobenzene	11.604	112	135927	20.379	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	44202	20.327	ug/l	97
67) Ethyl Benzene	11.681	91	227884	19.472	ug/l	99
68) m/p-Xylenes	11.793	106	186267	40.929	ug/l	94
69) o-Xylene	12.122	106	84182	20.239	ug/l	92
70) Styrene	12.134	104	147588	20.226	ug/l	96
71) Bromoform	12.298	173	24312	21.750	ug/l #	98
73) Isopropylbenzene	12.422	105	211722	19.623	ug/l	99
74) N-amyl acetate	12.234	43	50418	20.974	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.669	83	41372	20.536	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	26582m	10.547	ug/l	
77) Bromobenzene	12.698	156	48151	19.954	ug/l	80
78) n-propylbenzene	12.763	91	266912	19.991	ug/l	96
79) 2-Chlorotoluene	12.845	91	149845	20.155	ug/l	93
80) 1,3,5-Trimethylbenzene	12.898	105	180004	20.118	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.463	75	15953	21.699	ug/l	96
82) 4-Chlorotoluene	12.945	91	159237	20.368	ug/l	95
83) tert-Butylbenzene	13.163	119	145418	19.257	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	182381	19.924	ug/l	97
85) sec-Butylbenzene	13.340	105	231370	19.884	ug/l	98
86) p-Isopropyltoluene	13.457	119	189787	19.415	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	102215	19.897	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	100982	19.914	ug/l	95
89) n-Butylbenzene	13.787	91	182171	19.771	ug/l	97
90) Hexachloroethane	14.051	117	40268	20.077	ug/l	88
91) 1,2-Dichlorobenzene	13.828	146	89510	20.231	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5676	20.641	ug/l	81
93) 1,2,4-Trichlorobenzene	15.098	180	49137	19.306	ug/l	97
94) Hexachlorobutadiene	15.204	225	24728	19.320	ug/l	97
95) Naphthalene	15.334	128	94913	19.498	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.516	180	42972	19.261	ug/l	98

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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

