

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101124\
 Data File : VD079968.D
 Acq On : 11 Oct 2024 16:32
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD101124

Quant Time: Oct 14 03:22:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101124S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 03:20:54 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
 Supervised By :Semsettin Yesilyurt 10/14/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	168275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	271493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	247592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	134077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	90636	47.349	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.700%		
35) Dibromofluoromethane	7.805	113	92151	47.027	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.060%		
50) Toluene-d8	10.269	98	341271	48.872	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.740%		
62) 4-Bromofluorobenzene	12.569	95	122476	50.244	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	75305	45.532	ug/l	99
3) Chloromethane	2.146	50	77215	45.455	ug/l	93
4) Vinyl Chloride	2.281	62	105956	50.167	ug/l	96
5) Bromomethane	2.687	94	93963	51.715	ug/l	99
6) Chloroethane	2.834	64	75011	52.025	ug/l	99
7) Trichlorofluoromethane	3.170	101	161996	48.956	ug/l	100
8) Diethyl Ether	3.593	74	46638	51.310	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	94827	46.659	ug/l	99
10) Methyl Iodide	4.164	142	116642	58.530	ug/l	98
11) Tert butyl alcohol	5.058	59	27114	231.586	ug/l #	80
12) 1,1-Dichloroethene	3.940	96	93967	51.973	ug/l	97
13) Acrolein	3.787	56	27475	218.866	ug/l	95
14) Allyl chloride	4.558	41	141653	52.747	ug/l	99
15) Acrylonitrile	5.246	53	109032	251.044	ug/l	98
16) Acetone	4.017	43	123628	249.166	ug/l	98
17) Carbon Disulfide	4.269	76	273660	54.300	ug/l	99
18) Methyl Acetate	4.564	43	53171	49.921	ug/l	99
19) Methyl tert-butyl Ether	5.317	73	222206	53.214	ug/l	97
20) Methylene Chloride	4.799	84	114969	55.325	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	106183	54.694	ug/l	95
22) Diisopropyl ether	6.211	45	312679	53.687	ug/l	97
23) Vinyl Acetate	6.152	43	896634	274.005	ug/l	98
24) 1,1-Dichloroethane	6.111	63	194019	50.564	ug/l	98
25) 2-Butanone	7.081	43	150509	249.114	ug/l	100
26) 2,2-Dichloropropane	7.075	77	163655	49.295	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	122753	50.845	ug/l	96
28) Bromochloromethane	7.422	49	78712	48.062	ug/l #	10
29) Tetrahydrofuran	7.446	42	85657	265.092	ug/l	100
30) Chloroform	7.593	83	202046	49.710	ug/l	98
31) Cyclohexane	7.875	56	144752	49.766	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	167754	49.824	ug/l	99
36) 1,1-Dichloropropene	8.010	75	133956	51.005	ug/l	99
37) Ethyl Acetate	7.169	43	62749	49.352	ug/l	97
38) Carbon Tetrachloride	7.993	117	142991	48.994	ug/l	97
39) Methylcyclohexane	9.275	83	157577	53.467	ug/l	97
40) Benzene	8.252	78	427520	51.475	ug/l	100

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41) Methacrylonitrile	7.393	41	34466	51.617	ug/l	99
42) 1,2-Dichloroethane	8.322	62	114885	50.299	ug/l	99
43) Isopropyl Acetate	8.358	43	118663	50.657	ug/l	99
44) Trichloroethene	9.028	130	106004	51.594	ug/l	96
45) 1,2-Dichloropropane	9.305	63	108606	51.568	ug/l	100
46) Dibromomethane	9.393	93	59108	50.866	ug/l	100
47) Bromodichloromethane	9.587	83	154493	50.130	ug/l	97
48) Methyl methacrylate	9.375	41	57434	54.432	ug/l	98
49) 1,4-Dioxane	9.387	88	13370	1047.099	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	312249	260.552	ug/l	100
52) Toluene	10.334	92	270845	53.263	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	137676	51.016	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	161700	50.778	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	78619	48.166	ug/l	93
56) Ethyl methacrylate	10.599	69	102972	54.000	ug/l	97
57) 1,3-Dichloropropane	10.875	76	134129	50.918	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	197913	280.482	ug/l	98
59) 2-Hexanone	10.916	43	229724	258.817	ug/l	99
60) Dibromochloromethane	11.075	129	105489	49.741	ug/l	99
61) 1,2-Dibromoethane	11.175	107	74118	49.338	ug/l	97
64) Tetrachloroethene	10.810	164	89107	51.025	ug/l	95
65) Chlorobenzene	11.604	112	291910	50.660	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	102542	49.536	ug/l	98
67) Ethyl Benzene	11.681	91	511744	52.508	ug/l	97
68) m/p-Xylenes	11.793	106	399686	106.860	ug/l	100
69) o-Xylene	12.116	106	185394	53.573	ug/l	96
70) Styrene	12.134	104	329697	53.539	ug/l	99
71) Bromoform	12.299	173	60923	48.938	ug/l #	99
73) Isopropylbenzene	12.422	105	486987	53.392	ug/l	100
74) N-amyl acetate	12.234	43	116607	52.860	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	94295	50.989	ug/l	98
76) 1,2,3-Trichloropropane	12.716	75	59825m	40.444	ug/l	
77) Bromobenzene	12.698	156	120514	51.072	ug/l	100
78) n-propylbenzene	12.763	91	610535	53.841	ug/l	100
79) 2-Chlorotoluene	12.846	91	345976	52.516	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	411803	53.570	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	33407	50.402	ug/l	99
82) 4-Chlorotoluene	12.946	91	368494	52.064	ug/l	99
83) tert-Butylbenzene	13.163	119	352549	53.510	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	418402	54.201	ug/l	98
85) sec-Butylbenzene	13.340	105	545472	53.868	ug/l	99
86) p-Isopropyltoluene	13.457	119	464272	54.959	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	246513	51.061	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	240899	49.943	ug/l	98
89) n-Butylbenzene	13.787	91	443899	54.328	ug/l	99
90) Hexachloroethane	14.051	117	93854	50.262	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	213819	50.699	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13818	44.749	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	138410	52.369	ug/l	99
94) Hexachlorobutadiene	15.204	225	77117	52.986	ug/l	99
95) Naphthalene	15.328	128	246060	52.203	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	119433	50.991	ug/l	100

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

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