

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD093024\
 Data File : VD079943.D
 Acq On : 30 Sep 2024 18:36
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD093024

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024

Quant Time: Oct 01 05:52:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D093024S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 05:47:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	132386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	212547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	198903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	104272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	81669	49.796	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.600%		
35) Dibromofluoromethane	7.805	113	78711	52.662	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.320%		
50) Toluene-d8	10.269	98	299992	52.431	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	104.860%		
62) 4-Bromofluorobenzene	12.569	95	94932	52.459	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	104.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	60435	42.519	ug/l	92
3) Chloromethane	2.146	50	93542	45.371	ug/l	93
4) Vinyl Chloride	2.281	62	127961	45.857	ug/l	97
5) Bromomethane	2.693	94	105430	41.046	ug/l	99
6) Chloroethane	2.840	64	91830	47.135	ug/l	93
7) Trichlorofluoromethane	3.175	101	117945	44.908	ug/l	98
8) Diethyl Ether	3.593	74	35501	48.169	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.969	101	67418	43.430	ug/l	97
10) Methyl Iodide	4.164	142	86362	59.152	ug/l	94
11) Tert butyl alcohol	5.058	59	18823	238.153	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	72877	48.629	ug/l	99
13) Acrolein	3.799	56	39589	256.258	ug/l	95
14) Allyl chloride	4.558	41	99122	50.840	ug/l	96
15) Acrylonitrile	5.258	53	79927	247.806	ug/l	97
16) Acetone	4.022	43	82176	263.684	ug/l	94
17) Carbon Disulfide	4.269	76	241624	48.445	ug/l	98
18) Methyl Acetate	4.569	43	36482	49.822	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	161994	51.864	ug/l	94
20) Methylene Chloride	4.799	84	87314	47.236	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	80504	48.563	ug/l	92
22) Diisopropyl ether	6.222	45	215378	52.434	ug/l	97
23) Vinyl Acetate	6.158	43	647560	270.948	ug/l	99
24) 1,1-Dichloroethane	6.111	63	139981	47.870	ug/l	96
25) 2-Butanone	7.081	43	103859	261.737	ug/l	98
26) 2,2-Dichloropropane	7.075	77	115394	46.489	ug/l	100
27) cis-1,2-Dichloroethene	7.087	96	91889	47.468	ug/l	96
28) Bromochloromethane	7.428	49	63700	48.489	ug/l	93
29) Tetrahydrofuran	7.446	42	60352	260.643	ug/l	92
30) Chloroform	7.593	83	146684	46.885	ug/l	97
31) Cyclohexane	7.875	56	108128	45.975	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	120311	45.952	ug/l	99
36) 1,1-Dichloropropene	8.010	75	102542	48.248	ug/l	98
37) Ethyl Acetate	7.169	43	45796	53.792	ug/l #	91
38) Carbon Tetrachloride	7.993	117	105831	46.427	ug/l	94
39) Methylcyclohexane	9.275	83	117170	48.636	ug/l	96
40) Benzene	8.252	78	313928	49.241	ug/l	96

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41) Methacrylonitrile	7.405	41	28217	57.396	ug/l	85
42) 1,2-Dichloroethane	8.322	62	85379	46.639	ug/l	100
43) Isopropyl Acetate	8.363	43	84201	51.764	ug/l #	83
44) Trichloroethene	9.028	130	76355	47.613	ug/l	95
45) 1,2-Dichloropropane	9.304	63	78743	49.149	ug/l	93
46) Dibromomethane	9.393	93	45821	48.422	ug/l	97
47) Bromodichloromethane	9.587	83	113458	47.371	ug/l	91
48) Methyl methacrylate	9.381	41	40723	50.762	ug/l	96
49) 1,4-Dioxane	9.381	88	9292	1009.674	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	220241	266.006	ug/l	99
52) Toluene	10.334	92	202559	50.371	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	102987	49.453	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	121640	50.314	ug/l	92
55) 1,1,2-Trichloroethane	10.734	97	56587	46.909	ug/l	96
56) Ethyl methacrylate	10.599	69	75515	53.454	ug/l	95
57) 1,3-Dichloropropane	10.881	76	98548	49.971	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	146202	258.959	ug/l	99
59) 2-Hexanone	10.922	43	157967	267.516	ug/l	98
60) Dibromochloromethane	11.075	129	75481	47.211	ug/l	100
61) 1,2-Dibromoethane	11.181	107	55698	48.834	ug/l	97
64) Tetrachloroethene	10.810	164	66319	45.691	ug/l	92
65) Chlorobenzene	11.604	112	214911	47.543	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	74453	46.500	ug/l	97
67) Ethyl Benzene	11.681	91	377565	48.904	ug/l	98
68) m/p-Xylenes	11.793	106	296290	99.702	ug/l	99
69) o-Xylene	12.116	106	139395	51.346	ug/l	97
70) Styrene	12.134	104	244735	50.176	ug/l	99
71) Bromoform	12.298	173	41795	46.955	ug/l #	96
73) Isopropylbenzene	12.422	105	350153	50.721	ug/l	100
74) N-amyl acetate	12.228	43	86857	54.573	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	65756	48.085	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	43010m	53.221	ug/l	
77) Bromobenzene	12.698	156	87083	48.874	ug/l	97
78) n-propylbenzene	12.763	91	441504	50.646	ug/l	99
79) 2-Chlorotoluene	12.845	91	252078	51.018	ug/l	98
80) 1,3,5-Trimethylbenzene	12.898	105	303676	51.774	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	25034	51.252	ug/l	97
82) 4-Chlorotoluene	12.945	91	263878	49.446	ug/l	97
83) tert-Butylbenzene	13.163	119	245689	49.278	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	308477	50.892	ug/l	99
85) sec-Butylbenzene	13.340	105	374274	48.845	ug/l	99
86) p-Isopropyltoluene	13.457	119	321374	49.140	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	175680	47.064	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	168970	45.675	ug/l	98
89) n-Butylbenzene	13.787	91	305189	49.453	ug/l	100
90) Hexachloroethane	14.045	117	65563	46.302	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	153531	48.623	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	10035	44.447	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	94196	46.865	ug/l	98
94) Hexachlorobutadiene	15.198	225	47949	46.686	ug/l	90
95) Naphthalene	15.328	128	174130	50.051	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	85228	49.274	ug/l	99

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

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