

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD093024\
 Data File : VD079936.D
 Acq On : 30 Sep 2024 14:59
 Operator : RP/MD
 Sample : VSTDICC010
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: Oct 01 05:05:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D093024S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 05:04:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	110667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	184495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	174741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	14359	11.396	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	22.800%#		
35) Dibromofluoromethane	7.810	113	13752	11.288	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	22.580%#		
50) Toluene-d8	10.269	98	49479	10.305	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	20.620%#		
62) 4-Bromofluorobenzene	12.569	95	15342	10.922	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	21.840%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	13211	10.346	ug/l	98
3) Chloromethane	2.146	50	19219	9.543	ug/l #	87
4) Vinyl Chloride	2.281	62	24408	9.506	ug/l	97
5) Bromomethane	2.693	94	25157	12.954	ug/l	99
6) Chloroethane	2.840	64	17770	9.945	ug/l	97
7) Trichlorofluoromethane	3.175	101	23099	9.788	ug/l	87
8) Diethyl Ether	3.599	74	6422	9.826	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.970	101	13342	9.770	ug/l	98
10) Methyl Iodide	4.169	142	7485	5.528	ug/l	94
11) Tert butyl alcohol	5.069	59	3538m	56.448	ug/l	
12) 1,1-Dichloroethene	3.940	96	13178	9.666	ug/l #	87
13) Acrolein	3.805	56	5903	42.841	ug/l	86
14) Allyl chloride	4.569	41	14445	8.165	ug/l #	86
15) Acrylonitrile	5.258	53	13448	46.276	ug/l #	88
16) Acetone	4.022	43	13098	35.409	ug/l	98
17) Carbon Disulfide	4.269	76	42958	9.778	ug/l #	84
18) Methyl Acetate	4.558	43	6799m	6.878	ug/l	
19) Methyl tert-butyl Ether	5.316	73	23564	8.336	ug/l #	85
20) Methylene Chloride	4.793	84	15437	8.429	ug/l	89
21) trans-1,2-Dichloroethene	5.316	96	13873	8.868	ug/l #	80
22) Diisopropyl ether	6.216	45	32285	8.558	ug/l #	97
23) Vinyl Acetate	6.158	43	82557m	43.079	ug/l	
24) 1,1-Dichloroethane	6.116	63	25578	9.836	ug/l	94
25) 2-Butanone	7.087	43	16598m	37.940	ug/l	
26) 2,2-Dichloropropane	7.075	77	20633	9.461	ug/l	94
27) cis-1,2-Dichloroethene	7.075	96	16681	9.860	ug/l	97
28) Bromochloromethane	7.422	49	12371	11.842	ug/l	89
29) Tetrahydrofuran	7.446	42	9092	44.544	ug/l	95
30) Chloroform	7.593	83	27234	10.207	ug/l	99
31) Cyclohexane	7.875	56	18557	8.177	ug/l #	91
32) 1,1,1-Trichloroethane	7.781	97	23266	10.125	ug/l	95
36) 1,1-Dichloropropene	8.010	75	18687	9.465	ug/l	99
37) Ethyl Acetate	7.169	43	6560m	8.830	ug/l	
38) Carbon Tetrachloride	7.993	117	20340	10.285	ug/l	95
39) Methylcyclohexane	9.275	83	18289	7.883	ug/l	95
40) Benzene	8.246	78	53903	9.521	ug/l	99

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41) Methacrylonitrile	7.410	41	3691m	9.058	ug/l	
42) 1,2-Dichloroethane	8.328	62	16243	10.951	ug/l	97
43) Isopropyl Acetate	8.357	43	12854	9.345	ug/l	94
44) Trichloroethene	9.028	130	14054	9.694	ug/l	84
45) 1,2-Dichloropropane	9.305	63	12875	9.189	ug/l #	82
46) Dibromomethane	9.393	93	8291	10.543	ug/l	98
47) Bromodichloromethane	9.587	83	21717	11.078	ug/l	97
48) Methyl methacrylate	9.381	41	7138m	9.291	ug/l	
49) 1,4-Dioxane	9.387	88	1826	241.971	ug/l	96
51) 4-Methyl-2-Pentanone	10.163	43	30163	41.710	ug/l	96
52) Toluene	10.334	92	33074	9.207	ug/l	98
53) t-1,3-Dichloropropene	10.546	75	16864	9.402	ug/l #	88
54) cis-1,3-Dichloropropene	10.022	75	20357	9.541	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	11830	11.475	ug/l #	86
56) Ethyl methacrylate	10.599	69	10287	11.110	ug/l	93
57) 1,3-Dichloropropane	10.875	76	17128	9.679	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	22622	44.068	ug/l	100
59) 2-Hexanone	10.922	43	21997	37.698	ug/l	94
60) Dibromochloromethane	11.069	129	14365	11.495	ug/l	97
61) 1,2-Dibromoethane	11.175	107	9238	9.670	ug/l	94
64) Tetrachloroethene	10.804	164	12766	10.986	ug/l	92
65) Chlorobenzene	11.610	112	39629	10.231	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	14787	10.760	ug/l	94
67) Ethyl Benzene	11.681	91	60139	8.588	ug/l	95
68) m/p-Xylenes	11.787	106	48301	18.011	ug/l	99
69) o-Xylene	12.116	106	21467	8.841	ug/l	99
70) Styrene	12.134	104	39243	10.423	ug/l	98
71) Bromoform	12.304	173	7621	10.789	ug/l #	94
73) Isopropylbenzene	12.422	105	53718	7.627	ug/l	99
74) N-amyl acetate	12.234	43	11923	8.600	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	11774	8.955	ug/l	95
76) 1,2,3-Trichloropropane	12.716	75	6820m	7.937	ug/l	
77) Bromobenzene	12.698	156	15181	9.620	ug/l	97
78) n-propylbenzene	12.763	91	68930	7.857	ug/l	99
79) 2-Chlorotoluene	12.845	91	39947	8.453	ug/l	98
80) 1,3,5-Trimethylbenzene	12.898	105	45927	7.825	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.457	75	4222	10.315	ug/l	89
82) 4-Chlorotoluene	12.945	91	45305	9.073	ug/l	98
83) tert-Butylbenzene	13.163	119	38112	7.798	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	47227	7.918	ug/l	99
85) sec-Butylbenzene	13.345	105	58089	7.778	ug/l	95
86) p-Isopropyltoluene	13.457	119	48720	7.541	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	31410	9.610	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	31754	9.820	ug/l	95
89) n-Butylbenzene	13.787	91	46278	7.389	ug/l	98
90) Hexachloroethane	14.057	117	12437	9.692	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	27812	10.074	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1931	10.071	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	15238	8.915	ug/l	99
94) Hexachlorobutadiene	15.204	225	7818	9.343	ug/l	92
95) Naphthalene	15.328	128	24899	7.875	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.516	180	13076	9.073	ug/l	91

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

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