

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111724\
 Data File : VD080040.D
 Acq On : 17 Nov 2024 14:25
 Operator : RP/MD
 Sample : VD1117SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1117SBS01

Quant Time: Nov 18 04:21:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 16:25:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/18/2024
 Supervised By :Semsettin Yesilyurt 11/18/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	193786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	310601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	280607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	159474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	112251	56.260	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.520%			
35) Dibromofluoromethane	7.810	113	113977	55.137	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.280%			
50) Toluene-d8	10.269	98	436894	56.076	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 112.160%			
62) 4-Bromofluorobenzene	12.569	95	145243	56.821	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 113.640%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	29127	18.728	ug/l	89
3) Chloromethane	2.146	50	20922	18.293	ug/l	98
4) Vinyl Chloride	2.287	62	24231	18.557	ug/l	98
5) Bromomethane	2.687	94	25618	17.694	ug/l	95
6) Chloroethane	2.834	64	16855	18.059	ug/l	88
7) Trichlorofluoromethane	3.175	101	63602	19.832	ug/l	96
8) Diethyl Ether	3.593	74	18993	20.287	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.969	101	42163	21.045	ug/l	92
10) Methyl Iodide	4.163	142	52169	21.038	ug/l	95
11) Tert butyl alcohol	5.063	59	11877	114.388	ug/l #	87
12) 1,1-Dichloroethene	3.940	96	41627	20.731	ug/l	92
13) Acrolein	3.799	56	17338	87.025	ug/l	98
14) Allyl chloride	4.558	41	61682	21.671	ug/l	96
15) Acrylonitrile	5.258	53	46561	111.949	ug/l	99
16) Acetone	4.022	43	37805	87.328	ug/l	93
17) Carbon Disulfide	4.269	76	131938	20.405	ug/l	98
18) Methyl Acetate	4.563	43	21499	22.392	ug/l	100
19) Methyl tert-butyl Ether	5.322	73	87978	21.476	ug/l	98
20) Methylene Chloride	4.799	84	52574	22.645	ug/l	93
21) trans-1,2-Dichloroethene	5.310	96	46927	21.140	ug/l	90
22) Diisopropyl ether	6.222	45	127325	22.090	ug/l	98
23) Vinyl Acetate	6.157	43	357231	108.178	ug/l	99
24) 1,1-Dichloroethane	6.116	63	82982	21.647	ug/l	98
25) 2-Butanone	7.087	43	56859	100.509	ug/l	94
26) 2,2-Dichloropropane	7.081	77	69050	20.722	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	53883	21.152	ug/l	97
28) Bromochloromethane	7.422	49	33052	19.374	ug/l #	94
29) Tetrahydrofuran	7.440	42	34299	110.685	ug/l	96
30) Chloroform	7.599	83	87436	21.650	ug/l	97
31) Cyclohexane	7.875	56	64627	19.891	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	74249	21.483	ug/l	100
36) 1,1-Dichloropropene	8.004	75	58881	20.831	ug/l	99
37) Ethyl Acetate	7.169	43	26855	22.104	ug/l	99
38) Carbon Tetrachloride	7.987	117	63686	20.622	ug/l	96
39) Methylcyclohexane	9.275	83	67613	20.091	ug/l	95
40) Benzene	8.251	78	184068	20.892	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	14978	22.844	ug/l #	87
42) 1,2-Dichloroethane	8.322	62	50056	21.953	ug/l	98
43) Isopropyl Acetate	8.357	43	46221	20.987	ug/l	99
44) Trichloroethene	9.028	130	48975	21.481	ug/l	96
45) 1,2-Dichloropropane	9.304	63	44682	21.103	ug/l	94
46) Dibromomethane	9.393	93	26112	21.203	ug/l	96
47) Bromodichloromethane	9.581	83	66033	21.421	ug/l	99
48) Methyl methacrylate	9.375	41	22892	21.772	ug/l	98
49) 1,4-Dioxane	9.381	88	5785	512.062	ug/l	90
51) 4-Methyl-2-Pentanone	10.157	43	124608	111.517	ug/l	97
52) Toluene	10.334	92	117656	21.489	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	57913	21.075	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	70860	21.781	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	34887	21.412	ug/l	95
56) Ethyl methacrylate	10.598	69	38747	20.451	ug/l	100
57) 1,3-Dichloropropane	10.881	76	57440	21.671	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	75477	105.330	ug/l	98
59) 2-Hexanone	10.922	43	86831	105.647	ug/l	97
60) Dibromochloromethane	11.075	129	46010	21.939	ug/l	98
61) 1,2-Dibromoethane	11.181	107	33958	22.105	ug/l	98
64) Tetrachloroethene	10.804	164	40904	20.469	ug/l	91
65) Chlorobenzene	11.604	112	129862	21.215	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.675	131	45559	21.382	ug/l	98
67) Ethyl Benzene	11.681	91	210632	20.508	ug/l	96
68) m/p-Xylenes	11.792	106	172389	42.948	ug/l	97
69) o-Xylene	12.122	106	77145	21.381	ug/l	94
70) Styrene	12.134	104	137899	21.413	ug/l	99
71) Bromoform	12.298	173	27610	21.977	ug/l #	97
73) Isopropylbenzene	12.422	105	200697	19.515	ug/l	99
74) N-amyl acetate	12.234	43	45929	20.268	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	41289	20.890	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	27106m	19.249	ug/l	
77) Bromobenzene	12.698	156	52121	19.502	ug/l	97
78) n-propylbenzene	12.763	91	255724	20.120	ug/l	99
79) 2-Chlorotoluene	12.845	91	148690	19.950	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	173062	19.883	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	13624	19.801	ug/l	98
82) 4-Chlorotoluene	12.945	91	159304	19.993	ug/l	99
83) tert-Butylbenzene	13.163	119	141198	18.731	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	175024	20.017	ug/l	99
85) sec-Butylbenzene	13.345	105	217717	19.539	ug/l	98
86) p-Isopropyltoluene	13.457	119	191824	20.367	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	110671	20.449	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	111796	20.568	ug/l	99
89) n-Butylbenzene	13.786	91	168316	18.996	ug/l	98
90) Hexachloroethane	14.051	117	40693	20.155	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	97560	20.673	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.439	75	5933	19.852	ug/l	87
93) 1,2,4-Trichlorobenzene	15.098	180	58536	19.781	ug/l	99
94) Hexachlorobutadiene	15.204	225	29450	18.413	ug/l	95
95) Naphthalene	15.328	128	97405	19.378	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	52496	20.200	ug/l	98

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

