

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111524\
 Data File : VD080020.D
 Acq On : 15 Nov 2024 10:04
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Nov 15 16:08:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 16:08:17 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	7.881	168	189713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	311169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	273942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	133328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	10505	5.378	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.760%#		
35) Dibromofluoromethane	7.810	113	10411	5.027	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.060%#		
50) Toluene-d8	10.269	98	36171	4.634	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	9.260%#		
62) 4-Bromofluorobenzene	12.575	95	12083	4.718	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	9.440%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.940	85	8819	5.792	ug/l	99
3) Chloromethane	2.152	50	6261	5.592	ug/l	100
4) Vinyl Chloride	2.293	62	7155	5.597	ug/l	97
5) Bromomethane	2.699	94	8552	5.560	ug/l	94
6) Chloroethane	2.846	64	4824	5.280	ug/l #	70
7) Trichlorofluoromethane	3.181	101	17739	5.650	ug/l	88
8) Diethyl Ether	3.599	74	4370	4.768	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.981	101	10831	5.522	ug/l	89
10) Methyl Iodide	4.175	142	9847	4.056	ug/l	98
11) Tert butyl alcohol	5.046	59	2903m	28.440	ug/l	
12) 1,1-Dichloroethene	3.958	96	10151	5.164	ug/l #	69
13) Acrolein	3.799	56	4412	22.621	ug/l	93
14) Allyl chloride	4.564	41	14457	5.188	ug/l	96
15) Acrylonitrile	5.264	53	9914	24.349	ug/l	98
16) Acetone	4.028	43	9552	22.539	ug/l	97
17) Carbon Disulfide	4.281	76	32712	5.168	ug/l	95
18) Methyl Acetate	4.564	43	5121	5.448	ug/l #	76
19) Methyl tert-butyl Ether	5.322	73	16640	4.149	ug/l	92
20) Methylene Chloride	4.799	84	12192	5.359	ug/l	94
21) trans-1,2-Dichloroethene	5.322	96	11170	5.140	ug/l	96
22) Diisopropyl ether	6.216	45	24542	4.349	ug/l #	94
23) Vinyl Acetate	6.164	43	68903	21.313	ug/l	99
24) 1,1-Dichloroethane	6.116	63	19262	5.133	ug/l	97
25) 2-Butanone	7.081	43	12819	23.147	ug/l	95
26) 2,2-Dichloropropane	7.081	77	17908	5.490	ug/l	99
27) cis-1,2-Dichloroethene	7.087	96	12614	5.058	ug/l	97
28) Bromochloromethane	7.422	49	9601	5.749	ug/l	99
29) Tetrahydrofuran	7.452	42	6647	21.911	ug/l	95
30) Chloroform	7.593	83	20052	5.072	ug/l	99
31) Cyclohexane	7.881	56	17921	5.634	ug/l #	70
32) 1,1,1-Trichloroethane	7.793	97	18407	5.440	ug/l	98
36) 1,1-Dichloropropene	8.005	75	14449	5.102	ug/l	97
37) Ethyl Acetate	7.169	43	5908	4.854	ug/l #	93
38) Carbon Tetrachloride	7.993	117	16203	5.237	ug/l	97
39) Methylcyclohexane	9.275	83	16077	4.769	ug/l	93
40) Benzene	8.258	78	43278	4.903	ug/l	96

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41) Methacrylonitrile	7.399	41	3000	2.038	ug/l	93
42) 1,2-Dichloroethane	8.328	62	11688	5.117	ug/l	99
43) Isopropyl Acetate	8.363	43	9952	4.510	ug/l #	83
44) Trichloroethene	9.034	130	11762	5.150	ug/l	79
45) 1,2-Dichloropropane	9.305	63	10360	4.884	ug/l #	88
46) Dibromomethane	9.393	93	6271	5.083	ug/l	96
47) Bromodichloromethane	9.581	83	15961	5.168	ug/l	97
48) Methyl methacrylate	9.387	41	4647	4.412	ug/l	96
49) 1,4-Dioxane	9.393	88	837	73.952	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	24839	22.189	ug/l	94
52) Toluene	10.334	92	25315	4.615	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	12479	4.533	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	15257	4.681	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	7959	4.876	ug/l	93
56) Ethyl methacrylate	10.599	69	7483	3.942	ug/l	93
57) 1,3-Dichloropropane	10.881	76	12699	4.782	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	15740	21.926	ug/l	93
59) 2-Hexanone	10.922	43	16817	20.424	ug/l	96
60) Dibromochloromethane	11.075	129	9857	4.692	ug/l	95
61) 1,2-Dibromoethane	11.175	107	7272	4.725	ug/l	96
64) Tetrachloroethene	10.810	164	10583	5.425	ug/l #	89
65) Chlorobenzene	11.604	112	31166	5.215	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	10052	4.832	ug/l	100
67) Ethyl Benzene	11.687	91	47656	4.753	ug/l	93
68) m/p-Xylenes	11.799	106	35452	9.047	ug/l	97
69) o-Xylene	12.122	106	14859	4.218	ug/l	97
70) Styrene	12.140	104	26554	4.224	ug/l	99
71) Bromoform	12.298	173	6576	5.362	ug/l #	88
73) Isopropylbenzene	12.422	105	40600	4.722	ug/l	98
74) N-amyl acetate	12.234	43	9048	4.776	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	8815	5.335	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	7306m	3.576	ug/l	
77) Bromobenzene	12.698	156	11390	5.097	ug/l	94
78) n-propylbenzene	12.763	91	51645	4.860	ug/l	97
79) 2-Chlorotoluene	12.851	91	30791	4.941	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	34062	4.681	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	2833	4.925	ug/l	98
82) 4-Chlorotoluene	12.945	91	32543	4.885	ug/l	96
83) tert-Butylbenzene	13.169	119	30017	4.763	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	31817	4.352	ug/l	100
85) sec-Butylbenzene	13.345	105	43895	4.712	ug/l	95
86) p-Isopropyltoluene	13.457	119	35736	4.538	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	22815	5.042	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	24118	5.307	ug/l	96
89) n-Butylbenzene	13.787	91	35402	4.779	ug/l	98
90) Hexachloroethane	14.051	117	9043	5.357	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	20003	5.070	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1113	4.454	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	12171	4.919	ug/l	94
94) Hexachlorobutadiene	15.204	225	6909	5.167	ug/l	96
95) Naphthalene	15.334	128	18467	4.394	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	10212	4.700	ug/l	97

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

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