

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101124\
 Data File : VD079963.D
 Acq On : 11 Oct 2024 11:23
 Operator : RP/MD
 Sample : VSTDICC020
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 14 02:50:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101124S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 02:41:36 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	148024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	239451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	219206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	121832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	33964	20.171	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	40.340%#		
35) Dibromofluoromethane	7.805	113	35397	20.481	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	40.960%#		
50) Toluene-d8	10.269	98	125506	20.378	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	40.760%#		
62) 4-Bromofluorobenzene	12.569	95	44192	20.555	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	41.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	28518	19.602	ug/l	97
3) Chloromethane	2.146	50	29001	19.408	ug/l	94
4) Vinyl Chloride	2.281	62	35703	19.217	ug/l	92
5) Bromomethane	2.681	94	31203	19.523	ug/l	97
6) Chloroethane	2.834	64	23761	18.734	ug/l	100
7) Trichlorofluoromethane	3.170	101	56895	19.546	ug/l	88
8) Diethyl Ether	3.599	74	15316	19.156	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.970	101	33757	18.882	ug/l	98
10) Methyl Iodide	4.158	142	33739	19.246	ug/l	97
11) Tert butyl alcohol	5.052	59	9224m	89.153	ug/l	
12) 1,1-Dichloroethene	3.940	96	29937	18.823	ug/l	94
13) Acrolein	3.793	56	12696	114.973	ug/l	97
14) Allyl chloride	4.564	41	44467	18.824	ug/l	98
15) Acrylonitrile	5.258	53	36334	95.104	ug/l	99
16) Acetone	4.022	43	40757	93.382	ug/l	100
17) Carbon Disulfide	4.264	76	80890	18.246	ug/l	97
18) Methyl Acetate	4.564	43	17510	18.689	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	70219	19.117	ug/l	99
20) Methylene Chloride	4.799	84	40294	19.382	ug/l	91
21) trans-1,2-Dichloroethene	5.311	96	33139	19.405	ug/l	97
22) Diisopropyl ether	6.216	45	98026	19.134	ug/l #	91
23) Vinyl Acetate	6.158	43	275590	95.740	ug/l	100
24) 1,1-Dichloroethane	6.111	63	66564	19.721	ug/l	98
25) 2-Butanone	7.087	43	49580	93.289	ug/l	97
26) 2,2-Dichloropropane	7.075	77	56264	19.266	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	41413	19.500	ug/l	98
28) Bromochloromethane	7.428	49	29895	20.751	ug/l	100
29) Tetrahydrofuran	7.452	42	26063	91.695	ug/l	98
30) Chloroform	7.599	83	71394	19.968	ug/l	97
31) Cyclohexane	7.875	56	47761	18.667	ug/l #	92
32) 1,1,1-Trichloroethane	7.793	97	57867	19.538	ug/l	99
36) 1,1-Dichloropropene	8.005	75	43477	18.770	ug/l	99
37) Ethyl Acetate	7.163	43	22131	19.735	ug/l #	83
38) Carbon Tetrachloride	7.987	117	50032	19.437	ug/l	97
39) Methylcyclohexane	9.275	83	46604	17.929	ug/l	95
40) Benzene	8.252	78	138968	18.971	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	9996	16.973	ug/l #	92
42) 1,2-Dichloroethane	8.328	62	39097	19.408	ug/l	99
43) Isopropyl Acetate	8.363	43	38143	18.462	ug/l	98
44) Trichloroethene	9.028	130	34756	19.180	ug/l	95
45) 1,2-Dichloropropane	9.305	63	36253	19.517	ug/l	92
46) Dibromomethane	9.399	93	19763	19.283	ug/l	99
47) Bromodichloromethane	9.581	83	52782	19.418	ug/l	97
48) Methyl methacrylate	9.381	41	15370	16.516	ug/l	87
49) 1,4-Dioxane	9.381	88	4067	361.137	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	97961	92.680	ug/l	100
52) Toluene	10.334	92	86963	19.390	ug/l	95
53) t-1,3-Dichloropropene	10.552	75	45708	19.204	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	53838	19.169	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	27285	18.953	ug/l	95
56) Ethyl methacrylate	10.599	69	31141	18.516	ug/l	96
57) 1,3-Dichloropropane	10.875	76	44495	19.151	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	56525	90.827	ug/l	96
59) 2-Hexanone	10.922	43	73011	93.265	ug/l	97
60) Dibromochloromethane	11.075	129	36970	19.765	ug/l	99
61) 1,2-Dibromoethane	11.181	107	25418	19.184	ug/l	96
64) Tetrachloroethene	10.810	164	29303	18.952	ug/l	96
65) Chlorobenzene	11.604	112	98965	19.399	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	35043	19.121	ug/l	99
67) Ethyl Benzene	11.681	91	159043	18.432	ug/l	98
68) m/p-Xylenes	11.793	106	127085	38.377	ug/l	100
69) o-Xylene	12.116	106	58237	19.008	ug/l	98
70) Styrene	12.134	104	104578	19.181	ug/l	99
71) Bromoform	12.298	173	20768	18.843	ug/l #	95
73) Isopropylbenzene	12.422	105	151925	18.331	ug/l	99
74) N-amyl acetate	12.234	43	36218	18.068	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	32402	19.282	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	25821m	19.966	ug/l	
77) Bromobenzene	12.698	156	40406	18.845	ug/l	99
78) n-propylbenzene	12.763	91	193498	18.779	ug/l	99
79) 2-Chlorotoluene	12.846	91	112935	18.865	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	132103	18.912	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	11703	19.431	ug/l	94
82) 4-Chlorotoluene	12.946	91	124031	19.286	ug/l	100
83) tert-Butylbenzene	13.163	119	109829	18.345	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	134115	19.120	ug/l	100
85) sec-Butylbenzene	13.345	105	174935	19.012	ug/l	99
86) p-Isopropyltoluene	13.457	119	144698	18.850	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	83414	19.014	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	84128	19.194	ug/l	99
89) n-Butylbenzene	13.787	91	135292	18.223	ug/l	99
90) Hexachloroethane	14.051	117	32976	19.435	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	73652	19.219	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	5439	19.384	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	45877	19.103	ug/l	96
94) Hexachlorobutadiene	15.198	225	25050	18.942	ug/l	98
95) Naphthalene	15.328	128	77772	18.158	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	38377	18.032	ug/l	98

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

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