

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072224\
 Data File : VD079388.D
 Acq On : 22 Jul 2024 13:43
 Operator : RP/MD
 Sample : VSTDICC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024
 Supervised By :Semsettin Yesilyurt 07/23/2024

Quant Time: Jul 23 10:12:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 09:57:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	178716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	319041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	301386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	143338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	42875	21.115	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	42.240%#		
35) Dibromofluoromethane	7.805	113	46010	20.737	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	41.480%#		
50) Toluene-d8	10.269	98	174930	20.842	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	41.680%#		
62) 4-Bromofluorobenzene	12.569	95	52908	20.611	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	41.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	34741	21.818	ug/l	99
3) Chloromethane	2.146	50	34314	20.965	ug/l	99
4) Vinyl Chloride	2.281	62	41125	19.200	ug/l	99
5) Bromomethane	2.664	94	25502	17.063	ug/l	98
6) Chloroethane	2.822	64	16398	18.094	ug/l	95
7) Trichlorofluoromethane	3.164	101	60605	18.978	ug/l	96
8) Diethyl Ether	3.593	74	18216	17.629	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.958	101	42211	19.209	ug/l	94
10) Methyl Iodide	4.158	142	47544	19.932	ug/l	100
11) Tert butyl alcohol	5.052	59	11975	94.799	ug/l	98
12) 1,1-Dichloroethene	3.934	96	39235	18.835	ug/l	87
13) Acrolein	3.793	56	11347	112.136	ug/l	98
14) Allyl chloride	4.552	41	39134	16.235	ug/l	94
15) Acrylonitrile	5.246	53	43658	87.262	ug/l	100
16) Acetone	4.016	43	31196	76.600	ug/l #	85
17) Carbon Disulfide	4.264	76	116918	19.276	ug/l	98
18) Methyl Acetate	4.558	43	18967	16.054	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	85761	18.201	ug/l	97
20) Methylene Chloride	4.799	84	83603	17.738	ug/l	93
21) trans-1,2-Dichloroethene	5.305	96	46750	20.017	ug/l	97
22) Diisopropyl ether	6.210	45	126400	20.486	ug/l	94
23) Vinyl Acetate	6.152	43	487614	102.027	ug/l	93
24) 1,1-Dichloroethane	6.111	63	82987	19.529	ug/l	95
25) 2-Butanone	7.081	43	62198	101.904	ug/l	94
26) 2,2-Dichloropropane	7.075	77	70557	19.913	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	53566	19.851	ug/l	88
28) Bromochloromethane	7.422	49	35703	20.679	ug/l #	72
29) Tetrahydrofuran	7.446	42	38210	103.373	ug/l #	83
30) Chloroform	7.593	83	86710	19.577	ug/l	98
31) Cyclohexane	7.875	56	65843	20.187	ug/l	89
32) 1,1,1-Trichloroethane	7.793	97	72164	19.852	ug/l	99
36) 1,1-Dichloropropene	8.010	75	59082	19.820	ug/l	97
37) Ethyl Acetate	7.163	43	25368	19.609	ug/l	96
38) Carbon Tetrachloride	7.987	117	64481	20.504	ug/l	98
39) Methylcyclohexane	9.275	83	69031	20.161	ug/l	92
40) Benzene	8.246	78	186080	19.839	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	14094	19.256	ug/l	88
42) 1,2-Dichloroethane	8.328	62	47659	20.386	ug/l	98
43) Isopropyl Acetate	8.357	43	48984	20.610	ug/l	96
44) Trichloroethene	9.022	130	46149	20.380	ug/l	94
45) 1,2-Dichloropropane	9.299	63	46455	19.869	ug/l	99
46) Dibromomethane	9.393	93	27339	19.978	ug/l	94
47) Bromodichloromethane	9.581	83	67474	20.009	ug/l	96
48) Methyl methacrylate	9.375	41	21922	20.400	ug/l	87
49) 1,4-Dioxane	9.387	88	5646	379.674	ug/l #	71
51) 4-Methyl-2-Pentanone	10.157	43	135437	105.441	ug/l	95
52) Toluene	10.328	92	118391	20.169	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	60776	19.911	ug/l	99
54) cis-1,3-Dichloropropene	10.010	75	72191	20.230	ug/l	98
55) 1,1,2-Trichloroethane	10.728	97	37031	20.310	ug/l	97
56) Ethyl methacrylate	10.593	69	43532	19.846	ug/l	92
57) 1,3-Dichloropropane	10.875	76	61076	20.326	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	95812	98.061	ug/l	91
59) 2-Hexanone	10.916	43	95643	105.122	ug/l	97
60) Dibromochloromethane	11.069	129	47847	20.434	ug/l	97
61) 1,2-Dibromoethane	11.175	107	34346	20.325	ug/l	94
64) Tetrachloroethene	10.804	164	36820	19.340	ug/l	91
65) Chlorobenzene	11.604	112	132206	19.971	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	44388	19.742	ug/l	97
67) Ethyl Benzene	11.681	91	214539	19.557	ug/l	99
68) m/p-Xylenes	11.787	106	170572	40.080	ug/l	90
69) o-Xylene	12.116	106	76624	19.376	ug/l	89
70) Styrene	12.128	104	140826	20.053	ug/l	96
71) Bromoform	12.298	173	26875	20.322	ug/l #	100
73) Isopropylbenzene	12.416	105	200500	20.060	ug/l	99
74) N-amyl acetate	12.234	43	48067	21.150	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	44223	20.158	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	32301m	21.178	ug/l	
77) Bromobenzene	12.698	156	49117	20.229	ug/l	82
78) n-propylbenzene	12.757	91	253484	20.164	ug/l	94
79) 2-Chlorotoluene	12.845	91	144941	20.213	ug/l	94
80) 1,3,5-Trimethylbenzene	12.898	105	169154	20.178	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.463	75	16523	21.710	ug/l	98
82) 4-Chlorotoluene	12.940	91	159128	20.789	ug/l	92
83) tert-Butylbenzene	13.163	119	141227	19.799	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	171440	20.152	ug/l	95
85) sec-Butylbenzene	13.340	105	221987	19.947	ug/l	97
86) p-Isopropyltoluene	13.457	119	181969	19.953	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	101015	19.952	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	101591	20.078	ug/l	94
89) n-Butylbenzene	13.781	91	177531	19.916	ug/l	97
90) Hexachloroethane	14.045	117	40880	19.976	ug/l	90
91) 1,2-Dichlorobenzene	13.828	146	89146	20.348	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6372	20.969	ug/l	86
93) 1,2,4-Trichlorobenzene	15.098	180	48716	19.355	ug/l	97
94) Hexachlorobutadiene	15.198	225	28318	20.135	ug/l	95
95) Naphthalene	15.328	128	98404	19.457	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	44422	19.440	ug/l	96

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

