

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022324\
 Data File : VY017468.D
 Acq On : 23 Feb 2024 16:47
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
 Supervised By :Semsettin Yesilyurt 02/26/2024

Quant Time: Feb 24 04:48:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	154930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	250246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	217536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	99557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	15846	10.792	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	21.580%#		
35) Dibromofluoromethane	7.716	113	18613	10.674	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	21.340%#		
50) Toluene-d8	10.185	98	61995	10.168	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	20.340%#		
62) 4-Bromofluorobenzene	12.489	95	18843	9.834	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	19.660%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	13601	11.901	ug/l	97
3) Chloromethane	2.113	50	24727	11.842	ug/l	98
4) Vinyl Chloride	2.247	62	31189	11.643	ug/l	97
5) Bromomethane	2.644	94	25530	11.695	ug/l	92
6) Chloroethane	2.790	64	19138	11.325	ug/l	97
7) Trichlorofluoromethane	3.119	101	30186	11.056	ug/l	95
8) Diethyl Ether	3.521	74	8831	11.028	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	17548	11.174	ug/l	98
10) Methyl Iodide	4.082	142	17287	9.808	ug/l	99
11) Tert butyl alcohol	4.942	59	7548	60.517	ug/l #	87
12) 1,1-Dichloroethene	3.869	96	16423	11.221	ug/l	97
13) Acrolein	3.729	56	7513	45.652	ug/l	100
14) Allyl chloride	4.479	41	18984	10.735	ug/l	98
15) Acrylonitrile	5.161	53	17642	53.592	ug/l	99
16) Acetone	3.942	43	15854	55.668	ug/l	100
17) Carbon Disulfide	4.186	76	49428	11.252	ug/l	99
18) Methyl Acetate	4.473	43	7221	10.451	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	35860	10.512	ug/l	96
20) Methylene Chloride	4.716	84	24855	10.530	ug/l	98
21) trans-1,2-Dichloroethene	5.210	96	18933	11.048	ug/l	98
22) Diisopropyl ether	6.119	45	44732	10.962	ug/l	98
23) Vinyl Acetate	6.058	43	126996	52.225	ug/l	98
24) 1,1-Dichloroethane	6.015	63	31571	11.324	ug/l	98
25) 2-Butanone	6.984	43	21422	52.781	ug/l	99
26) 2,2-Dichloropropane	6.978	77	26106	11.137	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	20848	10.836	ug/l	98
28) Bromochloromethane	7.332	49	11787	10.735	ug/l	95
29) Tetrahydrofuran	7.350	42	12842	52.489	ug/l	99
30) Chloroform	7.509	83	33259	11.205	ug/l	98
31) Cyclohexane	7.783	56	26477	11.080	ug/l #	92
32) 1,1,1-Trichloroethane	7.704	97	28028	10.876	ug/l	97
36) 1,1-Dichloropropene	7.923	75	24901	10.584	ug/l	99
37) Ethyl Acetate	7.076	43	10064	10.830	ug/l	99
38) Carbon Tetrachloride	7.905	117	25064	10.629	ug/l	98
39) Methylcyclohexane	9.185	83	28961	10.243	ug/l	96
40) Benzene	8.167	78	73765	10.557	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	4733m	10.150	ug/l	
42) 1,2-Dichloroethane	8.240	62	18294	10.731	ug/l	100
43) Isopropyl Acetate	8.277	43	16372	10.026	ug/l #	84
44) Trichloroethene	8.947	130	21946	10.897	ug/l	94
45) 1,2-Dichloropropane	9.222	63	18231	10.967	ug/l	99
46) Dibromomethane	9.313	93	10120	10.637	ug/l	98
47) Bromodichloromethane	9.502	83	24582	10.642	ug/l	98
48) Methyl methacrylate	9.301	41	7455	9.863	ug/l	97
49) 1,4-Dioxane	9.295	88	2104	195.419	ug/l #	98
51) 4-Methyl-2-Pentanone	10.075	43	45470	49.962	ug/l	99
52) Toluene	10.252	92	46195	10.488	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	21793	10.164	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	27227	10.451	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	14446	10.695	ug/l	93
56) Ethyl methacrylate	10.514	69	14381	10.752	ug/l	98
57) 1,3-Dichloropropane	10.795	76	23004	10.475	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	36451	46.765	ug/l	98
59) 2-Hexanone	10.837	43	30114	48.173	ug/l	99
60) Dibromochloromethane	10.990	129	16379	10.250	ug/l	100
61) 1,2-Dibromoethane	11.093	107	12665	10.175	ug/l	98
64) Tetrachloroethene	10.727	164	23369	11.192	ug/l	97
65) Chlorobenzene	11.526	112	49212	10.658	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	17876	10.334	ug/l	100
67) Ethyl Benzene	11.599	91	81553	10.071	ug/l	99
68) m/p-Xylenes	11.709	106	64484	20.266	ug/l	99
69) o-Xylene	12.038	106	29239	9.905	ug/l	100
70) Styrene	12.050	104	48642	9.927	ug/l	97
71) Bromoform	12.215	173	9767	10.189	ug/l #	98
73) Isopropylbenzene	12.337	105	77339	10.456	ug/l	99
74) N-amyl acetate	12.148	43	12689	9.727	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	13472	10.607	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	10771m	11.387	ug/l	
77) Bromobenzene	12.617	156	18751	10.468	ug/l	98
78) n-propylbenzene	12.678	91	93402	10.524	ug/l	99
79) 2-Chlorotoluene	12.764	91	53400	10.747	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	61333	10.350	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	4279	10.394	ug/l	97
82) 4-Chlorotoluene	12.861	91	55006	10.823	ug/l	99
83) tert-Butylbenzene	13.081	119	52782	10.144	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	59867	10.233	ug/l	99
85) sec-Butylbenzene	13.258	105	84079	10.569	ug/l	100
86) p-Isopropyltoluene	13.373	119	66052	10.142	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	37182	10.342	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	37086	10.610	ug/l	97
89) n-Butylbenzene	13.703	91	60522	10.186	ug/l	99
90) Hexachloroethane	13.965	117	13868	10.622	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	31576	10.383	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1916	10.730	ug/l	91
93) 1,2,4-Trichlorobenzene	15.013	180	15888	9.891	ug/l	99
94) Hexachlorobutadiene	15.117	225	10912	11.003	ug/l	98
95) Naphthalene	15.245	128	24125	11.058	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	13880	10.072	ug/l	98

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

