

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070722\
 Data File : VY009465.D
 Acq On : 07 Jul 2022 11:51
 Operator : KP/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/08/2022
 Supervised By :Semsettin Yesilyurt 07/08/2022

Quant Time: Jul 08 01:30:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 01:24:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	176195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	280330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	258050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	129073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	18222	12.098	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	24.200%#		
35) Dibromofluoromethane	7.716	113	16622	11.269	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	22.540%#		
50) Toluene-d8	10.179	98	62827	12.398	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	24.800%#		
62) 4-Bromofluorobenzene	12.477	95	22099	10.614	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	21.220%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	13577	10.048	ug/l	96
3) Chloromethane	2.107	50	13908	9.217	ug/l	96
4) Vinyl Chloride	2.247	62	17028	9.912	ug/l	96
5) Bromomethane	2.637	94	11084	8.981	ug/l	92
6) Chloroethane	2.778	64	10201	10.171	ug/l #	88
7) Trichlorofluoromethane	3.113	101	22861	9.967	ug/l	93
8) Diethyl Ether	3.527	74	8627	9.831	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.887	101	14979	9.639	ug/l	94
10) Methyl Iodide	4.082	142	16783	9.102	ug/l	93
11) Tert butyl alcohol	4.948	59	16148	59.523	ug/l	96
12) 1,1-Dichloroethene	3.863	96	13266	9.204	ug/l	85
13) Acrolein	3.723	56	4249	38.407	ug/l	98
14) Allyl chloride	4.460	41	24169	9.746	ug/l	96
15) Acrylonitrile	5.155	53	24667	51.087	ug/l	97
16) Acetone	3.936	43	21120	49.274	ug/l	100
17) Carbon Disulfide	4.186	76	30980	7.637	ug/l #	95
18) Methyl Acetate	4.466	43	12932	10.276	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	44168	10.124	ug/l	97
20) Methylene Chloride	4.698	84	27532	11.411	ug/l #	81
21) trans-1,2-Dichloroethene	5.210	96	15797	9.354	ug/l #	81
22) Diisopropyl ether	6.112	45	56217	10.663	ug/l	94
23) Vinyl Acetate	6.051	43	171468	50.865	ug/l	98
24) 1,1-Dichloroethane	6.015	63	30313	10.195	ug/l	98
25) 2-Butanone	6.978	43	34606	49.910	ug/l	94
26) 2,2-Dichloropropane	6.972	77	31040	10.592	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	19783	9.950	ug/l	93
28) Bromochloromethane	7.332	49	12181	9.748	ug/l	87
29) Tetrahydrofuran	7.344	42	22278	49.676	ug/l	94
30) Chloroform	7.502	83	32222	9.902	ug/l	99
31) Cyclohexane	7.777	56	27984	9.681	ug/l #	83
32) 1,1,1-Trichloroethane	7.691	97	27957	9.745	ug/l	96
36) 1,1-Dichloropropene	7.911	75	22406	9.330	ug/l	98
37) Ethyl Acetate	7.063	43	16153	10.731	ug/l #	95
38) Carbon Tetrachloride	7.893	117	25230	9.824	ug/l	97
39) Methylcyclohexane	9.179	83	25359	8.798	ug/l	93
40) Benzene	8.155	78	68964	9.780	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	9167m	6.549	ug/l	
42) 1,2-Dichloroethane	8.234	62	20910	9.877	ug/l	91
43) Isopropyl Acetate	8.264	43	28528	10.157	ug/l	94
44) Trichloroethene	8.935	130	19347	9.712	ug/l	93
45) 1,2-Dichloropropane	9.209	63	17545	9.832	ug/l	97
46) Dibromomethane	9.301	93	10390	9.920	ug/l	98
47) Bromodichloromethane	9.490	83	25014	10.034	ug/l	97
48) Methyl methacrylate	9.289	41	11969	9.891	ug/l	93
49) 1,4-Dioxane	9.289	88	3275	212.323	ug/l #	84
51) 4-Methyl-2-Pentanone	10.063	43	76834	52.020	ug/l	96
52) Toluene	10.240	92	44002	9.792	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	25704	9.784	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	28486	9.724	ug/l	91
55) 1,1,2-Trichloroethane	10.636	97	15414	10.201	ug/l	97
56) Ethyl methacrylate	10.502	69	19360	9.651	ug/l	89
57) 1,3-Dichloropropane	10.788	76	23995	9.633	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	46978	47.938	ug/l	96
59) 2-Hexanone	10.831	43	51049	49.878	ug/l	92
60) Dibromochloromethane	10.977	129	18005	9.840	ug/l	95
61) 1,2-Dibromoethane	11.081	107	13993	9.660	ug/l	98
64) Tetrachloroethene	10.715	164	21346	9.894	ug/l	96
65) Chlorobenzene	11.514	112	49271	9.722	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	19086	10.011	ug/l	95
67) Ethyl Benzene	11.587	91	85308	9.642	ug/l	93
68) m/p-Xylenes	11.697	106	67567	19.581	ug/l	94
69) o-Xylene	12.026	106	31127	9.411	ug/l	97
70) Styrene	12.038	104	54017	9.778	ug/l	94
71) Bromoform	12.203	173	11662	9.598	ug/l #	98
73) Isopropylbenzene	12.325	105	84159	9.534	ug/l	98
74) N-amyl acetate	12.142	43	25169	10.021	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.575	83	17380	9.833	ug/l	96
76) 1,2,3-Trichloropropane	12.623	75	14980m	6.580	ug/l	
77) Bromobenzene	12.605	156	21313	9.918	ug/l	93
78) n-propylbenzene	12.666	91	103503	9.705	ug/l	99
79) 2-Chlorotoluene	12.751	91	56116	9.399	ug/l	94
80) 1,3,5-Trimethylbenzene	12.806	105	71252	9.657	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	6658	9.973	ug/l	85
82) 4-Chlorotoluene	12.849	91	60944	9.740	ug/l	95
83) tert-Butylbenzene	13.068	119	63389	9.657	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	71751	9.770	ug/l	94
85) sec-Butylbenzene	13.251	105	94803	9.806	ug/l	98
86) p-Isopropyltoluene	13.367	119	79540	9.870	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	42675	10.060	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	43779	10.197	ug/l	99
89) n-Butylbenzene	13.690	91	73971	9.830	ug/l	99
90) Hexachloroethane	13.958	117	15882	10.045	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	38879	10.004	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3003	9.694	ug/l	83
93) 1,2,4-Trichlorobenzene	15.001	180	22998	9.702	ug/l	99
94) Hexachlorobutadiene	15.105	225	13292	10.200	ug/l	95
95) Naphthalene	15.233	128	43755	8.928	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	19061	9.284	ug/l	99

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

