

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110823\
 Data File : VY016254.D
 Acq On : 08 Nov 2023 09:22
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/09/2023
 Supervised By :Mahesh Dadoda 11/09/2023

Quant Time: Nov 09 00:28:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:22:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	164827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	271572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	236696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	108553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	16462	10.928	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	21.860%#
35) Dibromofluoromethane	7.728	113	16588	10.753	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	21.500%#
50) Toluene-d8	10.191	98	66436	10.620	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	21.240%#
62) 4-Bromofluorobenzene	12.495	95	21824	10.741	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	21.480%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	17550	10.874	ug/l	99
3) Chloromethane	2.113	50	21080	11.152	ug/l	100
4) Vinyl Chloride	2.253	62	22813	11.224	ug/l	96
5) Bromomethane	2.656	94	13944	10.439	ug/l	96
6) Chloroethane	2.796	64	13678	10.546	ug/l	97
7) Trichlorofluoromethane	3.131	101	30849	10.432	ug/l	97
8) Diethyl Ether	3.534	74	9573	10.832	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.906	101	19166	10.761	ug/l	95
10) Methyl Iodide	4.101	142	19271	10.018	ug/l	97
11) Tert butyl alcohol	4.972	59	6442	54.608	ug/l #	95
12) 1,1-Dichloroethene	3.881	96	17894	10.743	ug/l	88
13) Acrolein	3.735	56	8483	59.618	ug/l	98
14) Allyl chloride	4.491	41	24480	10.357	ug/l #	94
15) Acrylonitrile	5.174	53	18827	53.680	ug/l	98
16) Acetone	3.954	43	14737	59.141	ug/l #	88
17) Carbon Disulfide	4.204	76	53652	10.676	ug/l	98
18) Methyl Acetate	4.491	43	14448	10.912	ug/l	91
19) Methyl tert-butyl Ether	5.235	73	42009	10.421	ug/l	97
20) Methylene Chloride	4.722	84	22734	10.140	ug/l	91
21) trans-1,2-Dichloroethene	5.235	96	20294	10.582	ug/l	87
22) Diisopropyl ether	6.131	45	54006	10.602	ug/l #	86
23) Vinyl Acetate	6.070	43	130843	53.010	ug/l #	91
24) 1,1-Dichloroethane	6.027	63	33222	10.572	ug/l	94
25) 2-Butanone	6.996	43	24231	55.517	ug/l	93
26) 2,2-Dichloropropane	6.996	77	29962	10.476	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	21587	10.445	ug/l	91
28) Bromochloromethane	7.344	49	12466	10.718	ug/l	87
29) Tetrahydrofuran	7.362	42	15361	53.247	ug/l	89
30) Chloroform	7.515	83	34881	10.664	ug/l	99
31) Cyclohexane	7.795	56	32071	10.813	ug/l #	81
32) 1,1,1-Trichloroethane	7.716	97	31460	10.492	ug/l	99
36) 1,1-Dichloropropene	7.929	75	28170	10.516	ug/l	100
37) Ethyl Acetate	7.082	43	11877	10.973	ug/l #	93
38) Carbon Tetrachloride	7.911	117	28712	10.327	ug/l	98
39) Methylcyclohexane	9.197	83	34002	10.187	ug/l	91
40) Benzene	8.173	78	78362	10.412	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	6792	12.446	ug/l #	61
42) 1,2-Dichloroethane	8.246	62	20908	10.722	ug/l	94
43) Isopropyl Acetate	8.283	43	22222	10.622	ug/l #	91
44) Trichloroethene	8.953	130	22575	10.437	ug/l	97
45) 1,2-Dichloropropane	9.228	63	18640	10.313	ug/l	94
46) Dibromomethane	9.319	93	10152	10.365	ug/l	97
47) Bromodichloromethane	9.508	83	25998	10.324	ug/l	99
48) Methyl methacrylate	9.301	41	11817	10.220	ug/l	87
49) 1,4-Dioxane	9.319	88	2266	217.917	ug/l #	55
51) 4-Methyl-2-Pentanone	10.081	43	56526	53.429	ug/l	93
52) Toluene	10.252	92	49160	10.333	ug/l	95
53) t-1,3-Dichloropropene	10.478	75	25118	10.290	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	30361	10.413	ug/l #	89
55) 1,1,2-Trichloroethane	10.654	97	14650	10.852	ug/l	98
56) Ethyl methacrylate	10.520	69	12689	9.957	ug/l #	87
57) 1,3-Dichloropropane	10.801	76	23979	10.420	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	42283	48.933	ug/l	94
59) 2-Hexanone	10.843	43	45274	57.532	ug/l	90
60) Dibromochloromethane	10.996	129	17645	10.451	ug/l	98
61) 1,2-Dibromoethane	11.099	107	13553	10.538	ug/l	99
64) Tetrachloroethene	10.727	164	21724	10.222	ug/l	98
65) Chlorobenzene	11.526	112	52724	10.426	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	19283	10.338	ug/l	98
67) Ethyl Benzene	11.605	91	91963	10.119	ug/l	98
68) m/p-Xylenes	11.715	106	70390	20.420	ug/l	94
69) o-Xylene	12.038	106	32729	10.226	ug/l	95
70) Styrene	12.057	104	45855	10.006	ug/l	98
71) Bromoform	12.215	173	9849	10.176	ug/l #	99
73) Isopropylbenzene	12.337	105	87717	9.979	ug/l	100
74) N-amyl acetate	12.154	43	17362	9.833	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.593	83	14768	10.470	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	10922m	9.831	ug/l	
77) Bromobenzene	12.617	156	20120	10.127	ug/l	95
78) n-propylbenzene	12.678	91	103654	9.978	ug/l	98
79) 2-Chlorotoluene	12.764	91	58139	10.155	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	71617	10.105	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	4881	10.174	ug/l	89
82) 4-Chlorotoluene	12.867	91	60746	10.269	ug/l	98
83) tert-Butylbenzene	13.087	119	62109	9.949	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	70471	10.098	ug/l	99
85) sec-Butylbenzene	13.264	105	90067	10.099	ug/l	99
86) p-Isopropyltoluene	13.379	119	79086	10.299	ug/l	97
87) 1,3-Dichlorobenzene	13.379	146	39345	10.294	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	38744	10.372	ug/l	97
89) n-Butylbenzene	13.709	91	72139	10.172	ug/l	98
90) Hexachloroethane	13.971	117	14669	9.902	ug/l	88
91) 1,2-Dichlorobenzene	13.745	146	34378	10.496	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	2357	10.503	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	19469	10.184	ug/l	99
94) Hexachlorobutadiene	15.123	225	11978	10.936	ug/l	97
95) Naphthalene	15.245	128	34433	10.070	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	16366	10.350	ug/l	98

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

