

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
 Data File : VY015369.D
 Acq On : 30 Aug 2023 11:53
 Operator : SY/MD
 Sample : VY0830SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0830SBS01

Quant Time: Aug 31 00:57:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 22:47:33 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2023
 Supervised By :Mahesh Dadoda 09/01/2023

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	178529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	295500	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	269814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	94541	49.399	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.800%		
35) Dibromofluoromethane	7.710	113	83180	48.871	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.740%		
50) Toluene-d8	10.179	98	289056	46.897	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.800%		
62) 4-Bromofluorobenzene	12.477	95	107599	47.024	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	94.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	29592	19.068	ug/l	92
3) Chloromethane	2.107	50	43072	20.899	ug/l	99
4) Vinyl Chloride	2.247	62	46509	19.388	ug/l	95
5) Bromomethane	2.631	94	29380	17.212	ug/l	98
6) Chloroethane	2.772	64	31174	19.770	ug/l	100
7) Trichlorofluoromethane	3.107	101	68004	20.041	ug/l	100
8) Diethyl Ether	3.521	74	24538	21.160	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.887	101	36876	19.607	ug/l	94
10) Methyl Iodide	4.076	142	38583	17.469	ug/l	99
11) Tert butyl alcohol	4.930	59	95473	215.143	ug/l #	89
12) 1,1-Dichloroethene	3.857	96	35354	19.921	ug/l	91
13) Acrolein	3.723	56	41083	85.316	ug/l	99
14) Allyl chloride	4.472	41	58639	20.753	ug/l	98
15) Acrylonitrile	5.155	53	84805	116.216	ug/l	98
16) Acetone	3.948	43	88369	110.625	ug/l	96
17) Carbon Disulfide	4.180	76	101609	19.151	ug/l	99
18) Methyl Acetate	4.472	43	74210	25.649	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	121774	21.112	ug/l	99
20) Methylene Chloride	4.704	84	75446	25.966	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	41261	20.190	ug/l	93
22) Diisopropyl ether	6.119	45	126060	20.399	ug/l	93
23) Vinyl Acetate	6.051	43	401838	116.618	ug/l	95
24) 1,1-Dichloroethane	6.009	63	72545	20.307	ug/l	98
25) 2-Butanone	6.984	43	136945	120.872	ug/l	99
26) 2,2-Dichloropropane	6.978	77	68173	22.468	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	46596	20.099	ug/l	96
28) Bromochloromethane	7.326	49	24554	22.413	ug/l	97
29) Tetrahydrofuran	7.344	42	85351	119.962	ug/l	94
30) Chloroform	7.502	83	76894	20.476	ug/l	98
31) Cyclohexane	7.777	56	64440	18.955	ug/l	87
32) 1,1,1-Trichloroethane	7.697	97	68075	20.295	ug/l	99
36) 1,1-Dichloropropene	7.911	75	57486	19.235	ug/l	99
37) Ethyl Acetate	7.076	43	53747	23.318	ug/l	99
38) Carbon Tetrachloride	7.893	117	59507	19.279	ug/l	96
39) Methylcyclohexane	9.179	83	69877	18.572	ug/l	93
40) Benzene	8.155	78	165708	19.874	ug/l	100

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41) Methacrylonitrile	7.313	41	26792m	22.664	ug/l	
42) 1,2-Dichloroethane	8.228	62	56271	20.239	ug/l	96
43) Isopropyl Acetate	8.271	43	85270	21.394	ug/l	97
44) Trichloroethene	8.935	130	47215	20.014	ug/l	98
45) 1,2-Dichloropropane	9.216	63	41473	19.731	ug/l	99
46) Dibromomethane	9.301	93	28574	20.465	ug/l	96
47) Bromodichloromethane	9.490	83	60285	20.190	ug/l	98
48) Methyl methacrylate	9.289	41	38327	20.959	ug/l	93
49) 1,4-Dioxane	9.307	88	11888	458.391	ug/l #	48
51) 4-Methyl-2-Pentanone	10.069	43	268046	115.707	ug/l	95
52) Toluene	10.240	92	106771	19.979	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	63235	19.928	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	70233	20.346	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	38861	20.657	ug/l	94
56) Ethyl methacrylate	10.508	69	59741	21.429	ug/l	89
57) 1,3-Dichloropropane	10.788	76	67629	20.883	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	112091	112.644	ug/l	95
59) 2-Hexanone	10.831	43	202875	116.712	ug/l	93
60) Dibromochloromethane	10.983	129	44559	20.236	ug/l	98
61) 1,2-Dibromoethane	11.087	107	40024	20.996	ug/l	99
64) Tetrachloroethene	10.715	164	50735	20.717	ug/l	97
65) Chlorobenzene	11.514	112	115352	19.840	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	42463	19.954	ug/l	98
67) Ethyl Benzene	11.593	91	203720	19.513	ug/l	99
68) m/p-Xylenes	11.697	106	158846	39.253	ug/l	96
69) o-Xylene	12.026	106	75618	19.552	ug/l	98
70) Styrene	12.044	104	127038	19.536	ug/l	98
71) Bromoform	12.203	173	31110	20.957	ug/l #	97
73) Isopropylbenzene	12.325	105	197907	19.586	ug/l	99
74) N-amyl acetate	12.142	43	70647	20.811	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	50990	21.139	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	39083m	21.999	ug/l	
77) Bromobenzene	12.605	156	48961	20.459	ug/l	97
78) n-propylbenzene	12.666	91	240055	19.634	ug/l	100
79) 2-Chlorotoluene	12.751	91	135826	19.806	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	166078	19.651	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	16873	20.865	ug/l	99
82) 4-Chlorotoluene	12.855	91	142098	19.938	ug/l	99
83) tert-Butylbenzene	13.075	119	144451	19.514	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	165824	19.761	ug/l	99
85) sec-Butylbenzene	13.251	105	215522	19.520	ug/l	100
86) p-Isopropyltoluene	13.367	119	182932	19.768	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	94043	19.905	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	94534	19.794	ug/l	99
89) n-Butylbenzene	13.696	91	169156	19.421	ug/l	97
90) Hexachloroethane	13.959	117	32411	19.583	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	85778	19.895	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10764	22.559	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	53616	19.801	ug/l	96
94) Hexachlorobutadiene	15.111	225	29906	20.255	ug/l	97
95) Naphthalene	15.233	128	144367	21.524	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	50498	20.446	ug/l	99

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

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