

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082923\
 Data File : VY015365.D
 Acq On : 29 Aug 2023 20:09
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY082923

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/31/2023
 Supervised By :Semsettin Yesilyurt 08/31/2023

Quant Time: Aug 31 15:18:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 15:17:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	187176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	307603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	280812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	146192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	98872	49.276	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.560%		
35) Dibromofluoromethane	7.716	113	86520	48.834	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.660%		
50) Toluene-d8	10.179	98	305689	47.644	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.280%		
62) 4-Bromofluorobenzene	12.477	95	115771	48.605	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	80769	49.641	ug/l	98
3) Chloromethane	2.107	50	109283	50.575	ug/l	99
4) Vinyl Chloride	2.247	62	124563	49.526	ug/l	98
5) Bromomethane	2.637	94	93670	52.342	ug/l	98
6) Chloroethane	2.784	64	82807	50.090	ug/l	97
7) Trichlorofluoromethane	3.113	101	172797	48.571	ug/l	99
8) Diethyl Ether	3.521	74	61171	50.312	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.893	101	95453	48.408	ug/l	95
10) Methyl Iodide	4.082	142	116637	50.370	ug/l	99
11) Tert butyl alcohol	4.954	59	109153	246.565	ug/l #	83
12) 1,1-Dichloroethene	3.863	96	91305	49.071	ug/l	97
13) Acrolein	3.723	56	151921	254.109	ug/l	100
14) Allyl chloride	4.472	41	150223	50.709	ug/l	98
15) Acrylonitrile	5.161	53	202553	264.753	ug/l	99
16) Acetone	3.942	43	217914	260.195	ug/l	94
17) Carbon Disulfide	4.186	76	278268	50.025	ug/l	98
18) Methyl Acetate	4.472	43	157264	51.843	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	314887	52.070	ug/l	98
20) Methylene Chloride	4.710	84	132924	52.573	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	106495	49.704	ug/l	98
22) Diisopropyl ether	6.112	45	326290	50.360	ug/l	95
23) Vinyl Acetate	6.058	43	1068898	261.294	ug/l #	95
24) 1,1-Dichloroethane	6.015	63	186332	49.749	ug/l	99
25) 2-Butanone	6.978	43	317127	266.974	ug/l	97
26) 2,2-Dichloropropane	6.978	77	153395	48.220	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	121653	50.050	ug/l	96
28) Bromochloromethane	7.332	49	55852	48.628	ug/l	97
29) Tetrahydrofuran	7.344	42	199395	267.306	ug/l	93
30) Chloroform	7.502	83	195893	49.753	ug/l	100
31) Cyclohexane	7.783	56	165491	46.431	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	172825	49.143	ug/l	99
36) 1,1-Dichloropropene	7.917	75	151107	48.573	ug/l	99
37) Ethyl Acetate	7.070	43	126017	52.522	ug/l	96
38) Carbon Tetrachloride	7.899	117	156378	48.670	ug/l	99
39) Methylcyclohexane	9.179	83	189567	48.402	ug/l	95
40) Benzene	8.155	78	429702	49.508	ug/l	99

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Quant Title : SW846 8260

QLast Update : Thu Aug 31 15:17:23 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	55682m	49.489	ug/l	
42) 1,2-Dichloroethane	8.234	62	146332	50.560	ug/l	96
43) Isopropyl Acetate	8.271	43	215703	51.990	ug/l	97
44) Trichloroethene	8.935	130	118368	48.201	ug/l	100
45) 1,2-Dichloropropane	9.216	63	107766	49.253	ug/l	97
46) Dibromomethane	9.301	93	72502	49.884	ug/l	96
47) Bromodichloromethane	9.490	83	155466	50.019	ug/l	99
48) Methyl methacrylate	9.289	41	98216	51.595	ug/l	93
49) 1,4-Dioxane	9.295	88	29642	1097.997	ug/l #	58
51) 4-Methyl-2-Pentanone	10.069	43	641072	265.843	ug/l	94
52) Toluene	10.240	92	275586	49.539	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	167485	50.704	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	181072	50.392	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	98031	50.058	ug/l	97
56) Ethyl methacrylate	10.508	69	153407	52.862	ug/l	91
57) 1,3-Dichloropropane	10.788	76	169654	50.327	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	251909	243.192	ug/l	94
59) 2-Hexanone	10.831	43	484405	267.709	ug/l	92
60) Dibromochloromethane	10.983	129	117851	51.415	ug/l	100
61) 1,2-Dibromoethane	11.087	107	103175	51.994	ug/l	98
64) Tetrachloroethene	10.715	164	125420	49.207	ug/l	97
65) Chlorobenzene	11.514	112	298163	49.274	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	111559	50.369	ug/l	98
67) Ethyl Benzene	11.587	91	541994	49.882	ug/l	99
68) m/p-Xylenes	11.697	106	420045	99.733	ug/l	96
69) o-Xylene	12.026	106	202798	50.384	ug/l	97
70) Styrene	12.038	104	345241	51.012	ug/l	97
71) Bromoform	12.203	173	81369	52.667	ug/l #	99
73) Isopropylbenzene	12.325	105	531925	48.441	ug/l	100
74) N-amyl acetate	12.142	43	199673	54.124	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	134199	51.194	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	97063m	50.067	ug/l	
77) Bromobenzene	12.605	156	127245	48.926	ug/l	95
78) n-propylbenzene	12.666	91	649486	48.880	ug/l	100
79) 2-Chlorotoluene	12.751	91	365300	49.016	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	450194	49.015	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	45960	52.295	ug/l	96
82) 4-Chlorotoluene	12.849	91	377650	48.757	ug/l	99
83) tert-Butylbenzene	13.075	119	393187	48.875	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	453346	49.712	ug/l	99
85) sec-Butylbenzene	13.251	105	586375	48.868	ug/l	100
86) p-Isopropyltoluene	13.367	119	495301	49.251	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	250201	48.729	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	253608	48.863	ug/l	99
89) n-Butylbenzene	13.690	91	469108	49.560	ug/l	97
90) Hexachloroethane	13.959	117	90409	50.266	ug/l	90
91) 1,2-Dichlorobenzene	13.733	146	230648	49.224	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27008	52.083	ug/l	92
93) 1,2,4-Trichlorobenzene	15.001	180	147894	50.259	ug/l	97
94) Hexachlorobutadiene	15.111	225	78147	48.702	ug/l	98
95) Naphthalene	15.233	128	386572	53.033	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	136378	50.810	ug/l	98

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

