

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100520\
 Data File : VY003453.D
 Acq On : 05 Oct 2020 15:05
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 10/6/2020 12:55:35 PM

Quant Time: Oct 06 04:09:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 06 04:02:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	454878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	646405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	598752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	336563	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	22720	5.23	ug/l	0.00
Spiked Amount			Recovery	=	10.46%	
35) Dibromofluoromethane	7.72	113	17605	4.63	ug/l	0.00
Spiked Amount			Recovery	=	9.26%	
50) Toluene-d8	10.18	98	75310	5.00	ug/l	0.00
Spiked Amount			Recovery	=	10.00%	
62) 4-Bromofluorobenzene	12.48	95	25641	4.96	ug/l	0.00
Spiked Amount			Recovery	=	9.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	17933	4.888	ug/l	99
3) Chloromethane	2.12	50	25959	5.136	ug/l	97
4) Vinyl Chloride	2.26	62	27127	5.312	ug/l	95
5) Bromomethane	2.65	94	30767	7.764	ug/l	95
6) Chloroethane	2.80	64	17367	5.421	ug/l	94
7) Trichlorofluoromethane	3.13	101	34063	5.000	ug/l	98
8) Diethyl Ether	3.53	74	11550	4.904	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	19135	4.753	ug/l	97
11) Tert butyl alcohol	4.96	59	12901	27.758	ug/l	96
12) 1,1-Dichloroethene	3.88	96	18945	4.844	ug/l	94
13) Acrolein	3.73	56	11641	25.695	ug/l	100
14) Allyl chloride	4.48	41	33415	5.032	ug/l	98
15) Acrylonitrile	5.18	53	26947	23.110	ug/l	99
16) Acetone	3.96	43	29479	27.377	ug/l	97
17) Carbon Disulfide	4.20	76	63265	4.954	ug/l	98
18) Methyl Acetate	4.49	43	14643	5.205	ug/l	94
19) Methyl tert-butyl Ether	5.22	73	47031	4.359	ug/l	99
20) Methylene Chloride	4.72	84	33873	4.747	ug/l	94
21) trans-1,2-Dichloroethene	5.22	96	21081	4.728	ug/l	92
22) Diisopropyl ether	6.12	45	59978	4.377	ug/l #	92
23) Vinyl Acetate	6.07	43	217225	23.797	ug/l	98
24) 1,1-Dichloroethane	6.04	63	39193	5.037	ug/l	97
25) 2-Butanone	7.00	43	40825	25.142	ug/l	99
26) 2,2-Dichloropropane	6.99	77	34093	4.905	ug/l	95
27) cis-1,2-Dichloroethene	6.99	96	24419	4.980	ug/l	97
28) Bromochloromethane	7.35	49	18172	5.700	ug/l #	100
29) Tetrahydrofuran	7.35	42	23914	22.983	ug/l	99
30) Chloroform	7.51	83	38772	5.004	ug/l	96
31) Cyclohexane	7.79	56	38631	5.186	ug/l #	80
32) 1,1,1-Trichloroethane	7.71	97	36102	5.100	ug/l	99
36) 1,1-Dichloropropene	7.92	75	31707	5.229	ug/l	98
37) Ethyl Acetate	7.08	43	19126	5.496	ug/l	98
38) Carbon Tetrachloride	7.91	117	31670	5.059	ug/l	95
39) Methylcyclohexane	9.18	83	31903	4.366	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

40) Benzene	8.16	78	88473	5.232	ug/l	100
41) Methacrylonitrile	7.31	41	7878m	4.058	ug/l	
42) 1,2-Dichloroethane	8.24	62	28907	5.565	ug/l	99
43) Isopropyl Acetate	8.28	43	34099	5.185	ug/l	98
44) Trichloroethene	8.94	130	26600	5.459	ug/l	96
45) 1,2-Dichloropropane	9.22	63	22652	5.141	ug/l	96
46) Dibromomethane	9.30	93	12797	5.154	ug/l	96
47) Bromodichloromethane	9.50	83	31472	5.272	ug/l	97
48) Methyl methacrylate	9.29	41	15608	5.207	ug/l	99
49) 1,4-Dioxane	9.30	88	2983	94.104	ug/l #	93
51) 4-Methyl-2-Pentanone	10.07	43	89729	25.942	ug/l	100
52) Toluene	10.24	92	55536	5.217	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	31619	4.956	ug/l	100
54) cis-1,3-Dichloropropene	9.92	75	35892	4.986	ug/l	91
55) 1,1,2-Trichloroethane	10.64	97	17967	5.164	ug/l	98
56) Ethyl methacrylate	10.51	69	22592	4.694	ug/l	96
57) 1,3-Dichloropropane	10.79	76	31155	5.139	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	63252	27.728	ug/l	98
59) 2-Hexanone	10.83	43	60809	25.180	ug/l	98
60) Dibromochloromethane	10.98	129	22451	5.125	ug/l	98
61) 1,2-Dibromoethane	11.08	107	17599	5.206	ug/l	100
64) Tetrachloroethene	10.72	164	28466	5.653	ug/l	96
65) Chlorobenzene	11.52	112	62185	5.322	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	22939	5.049	ug/l	95
67) Ethyl Benzene	11.59	91	107756	5.116	ug/l	99
68) m/p-Xylenes	11.70	106	81639	10.259	ug/l	99
69) o-Xylene	12.03	106	38610	5.188	ug/l	94
70) Stvrene	12.04	104	62559	4.905	ug/l	99
71) Bromoform	12.20	173	15915	5.373	ug/l #	96
73) Isopropylbenzene	12.33	105	101868	4.738	ug/l	99
74) N-amyl acetate	12.14	43	30042	4.756	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	21730	5.125	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	15773m	5.263	ug/l	
77) Bromobenzene	12.61	156	28858	5.258	ug/l	95
78) n-propylbenzene	12.67	91	124219	4.840	ug/l	99
79) 2-Chlorotoluene	12.75	91	69652	4.874	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	87613	4.832	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	7506	4.738	ug/l	97
82) 4-Chlorotoluene	12.85	91	75568	5.085	ug/l	99
83) tert-Butylbenzene	13.07	119	76698	4.882	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	87502	4.808	ug/l	100
85) sec-Butylbenzene	13.25	105	106645	4.882	ug/l	98
86) p-Isopropyltoluene	13.37	119	98759	4.815	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	54178	5.155	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	56259	5.437	ug/l	96
89) n-Butylbenzene	13.69	91	92681	4.818	ug/l	99
90) Hexachloroethane	13.95	117	16102	4.230	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	48268	5.195	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.35	75	4287	6.117	ug/l	90
93) 1,2,4-Trichlorobenzene	15.00	180	35871	5.414	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.11	225	24461	5.597	ug/l	99
95) Naphthalene	15.23	128	59071	5.213	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	30985	5.719	ug/l	100

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

