

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
 Data File : VY003469.D
 Acq On : 02 Nov 2020 13:58
 Operator : SY/MD
 Sample : VY1102SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBS01

Quant Time: Nov 03 02:07:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	252913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	365137	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	325078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	167606	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	130675	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	
35) Dibromofluoromethane	7.72	113	111817	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	
50) Toluene-d8	10.18	98	462090	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.48	95	152698	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	44708	22.342	ug/l	99
3) Chloromethane	2.12	50	58794	22.318	ug/l	98
4) Vinyl Chloride	2.26	62	65135	22.027	ug/l	99
5) Bromomethane	2.65	94	52202	21.129	ug/l	100
6) Chloroethane	2.80	64	37936	21.524	ug/l	95
7) Trichlorofluoromethane	3.13	101	80460	21.436	ug/l	97
8) Diethyl Ether	3.54	74	24917	21.648	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.91	101	44961	21.673	ug/l	98
10) Methyl Iodide	4.10	142	38282	20.927	ug/l	99
11) Tert butyl alcohol	4.97	59	29612	102.575	ug/l	98
12) 1,1-Dichloroethene	3.88	96	44871	21.739	ug/l	98
13) Acrolein	3.75	56	24198	112.456	ug/l	100
14) Allyl chloride	4.49	41	80149	21.284	ug/l	99
15) Acrylonitrile	5.18	53	65397	106.439	ug/l	99
16) Acetone	3.96	43	80125	93.677	ug/l	97
17) Carbon Disulfide	4.21	76	141489	21.160	ug/l	100
18) Methyl Acetate	4.49	43	34410	21.288	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	108996	21.320	ug/l	94
20) Methylene Chloride	4.72	84	54229	22.513	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	50174	20.993	ug/l	95
22) Diisopropyl ether	6.13	45	142865	21.630	ug/l	96
23) Vinyl Acetate	6.07	43	531650	107.114	ug/l	99
24) 1,1-Dichloroethane	6.03	63	90704	21.611	ug/l	99
25) 2-Butanone	7.00	43	107698	100.674	ug/l	99
26) 2,2-Dichloropropane	6.99	77	83071	21.245	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	55271	21.342	ug/l	99
28) Bromochloromethane	7.35	49	40376	19.122	ug/l	98
29) Tetrahydrofuran	7.36	42	58603	104.837	ug/l	99
30) Chloroform	7.52	83	88590	21.490	ug/l	99
31) Cyclohexane	7.79	56	82770	21.298	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	82047	21.334	ug/l	99
36) 1,1-Dichloropropene	7.93	75	72499	21.059	ug/l	99
37) Ethyl Acetate	7.08	43	44327	20.735	ug/l	99
38) Carbon Tetrachloride	7.91	117	74714	20.920	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	80961	21.120	ug/l	99
40) Benzene	8.17	78	203434	21.234	ug/l	100
41) Methacrylonitrile	7.32	41	20063m	17.575	ug/l	
42) 1,2-Dichloroethane	8.24	62	62080	20.680	ug/l	99
43) Isopropyl Acetate	8.28	43	78946	20.549	ug/l	99
44) Trichloroethene	8.94	130	55890	20.780	ug/l	97
45) 1,2-Dichloropropane	9.22	63	50503	20.874	ug/l	99
46) Dibromomethane	9.31	93	28017	21.048	ug/l	97
47) Bromodichloromethane	9.50	83	68290	20.961	ug/l	99
48) Methyl methacrylate	9.30	41	37927	20.957	ug/l	98
49) 1,4-Dioxane	9.31	88	7012	422.190	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	214480	104.780	ug/l	99
52) Toluene	10.25	92	125364	20.921	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	71982	20.761	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	81935	21.001	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	38929	20.602	ug/l	98
56) Ethyl methacrylate	10.51	69	53705	21.220	ug/l	99
57) 1,3-Dichloropropane	10.79	76	69581	21.178	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	139222	108.511	ug/l	99
59) 2-Hexanone	10.83	43	154592	102.001	ug/l	100
60) Dibromochloromethane	10.99	129	47493	20.450	ug/l	100
61) 1,2-Dibromoethane	11.09	107	38386	21.043	ug/l	98
64) Tetrachloroethene	10.72	164	51723	21.305	ug/l	96
65) Chlorobenzene	11.52	112	133459	21.132	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	50365	21.146	ug/l	99
67) Ethyl Benzene	11.60	91	242386	21.166	ug/l	100
68) m/p-Xylenes	11.70	106	182335	42.016	ug/l	99
69) o-Xylene	12.03	106	84968	21.285	ug/l	99
70) Styrene	12.05	104	141137	20.823	ug/l	99
71) Bromoform	12.21	173	32289	20.339	ug/l #	100
73) Isopropylbenzene	12.33	105	233703	21.346	ug/l	100
74) N-amyl acetate	12.14	43	65295	21.054	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	49051	20.975	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	37913m	21.379	ug/l	
77) Bromobenzene	12.61	156	58965	21.197	ug/l	98
78) n-propylbenzene	12.67	91	278945	21.630	ug/l	100
79) 2-Chlorotoluene	12.76	91	154551	21.450	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	196471	21.658	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	17555	20.661	ug/l	99
82) 4-Chlorotoluene	12.86	91	161917	21.505	ug/l	100
83) tert-Butylbenzene	13.08	119	171596	21.329	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	194665	21.471	ug/l	99
85) sec-Butylbenzene	13.25	105	236619	21.721	ug/l	99
86) p-Isopropyltoluene	13.37	119	215991	21.379	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	110495	21.323	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	110043	21.356	ug/l	99
89) n-Butylbenzene	13.70	91	203091	22.009	ug/l	99
90) Hexachloroethane	13.96	117	35646	20.965	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	97442	21.167	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8979	21.210	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	70034	21.508	ug/l	100
94) Hexachlorobutadiene	15.11	225	45869	21.898	ug/l	99
95) Naphthalene	15.23	128	138095	21.179	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	62369	21.293	ug/l	99

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

