

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021120\
 Data File : VY001594.D
 Acq On : 11 Feb 2020 11:37
 Operator : SY/MD
 Sample : VY0211SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0211SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/12/2020 3:12:17 PM

Quant Time: Feb 12 08:07:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	188707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	328693	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	293544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	140938	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	102839	54.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.26%	
35) Dibromofluoromethane	7.74	113	97000	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
50) Toluene-d8	10.19	98	397291	55.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.80%	
62) 4-Bromofluorobenzene	12.49	95	144698	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	32507	17.598	ug/l	96
3) Chloromethane	2.13	50	42913	22.227	ug/l	95
4) Vinyl Chloride	2.27	62	44656	22.276	ug/l	100
5) Bromomethane	2.66	94	30242	23.987	ug/l	98
6) Chloroethane	2.80	64	28721	23.769	ug/l	93
7) Trichlorofluoromethane	3.14	101	60408	18.205	ug/l	96
8) Diethyl Ether	3.55	74	22945	20.491	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.92	101	38855	19.461	ug/l	97
10) Methyl Iodide	4.11	142	43850	17.237	ug/l	98
11) Tert butyl alcohol	4.99	59	26390	103.729	ug/l #	88
12) 1,1-Dichloroethene	3.90	96	38488	19.399	ug/l	96
13) Acrolein	3.75	56	17975	99.912	ug/l	98
14) Allyl chloride	4.51	41	67620	22.280	ug/l	95
15) Acrylonitrile	5.20	53	58229	113.433	ug/l	98
16) Acetone	3.97	43	57785	105.141	ug/l	96
17) Carbon Disulfide	4.22	76	121983	19.313	ug/l	99
18) Methyl Acetate	4.51	43	28946	24.681	ug/l	93
19) Methyl tert-butyl Ether	5.25	73	104146	19.739	ug/l	98
20) Methylene Chloride	4.74	84	46173	18.476	ug/l	90
21) trans-1,2-Dichloroethene	5.25	96	42701	19.360	ug/l	97
22) Diisopropyl ether	6.15	45	134303	22.335	ug/l	97
23) Vinyl Acetate	6.09	43	434910	113.616	ug/l	96
24) 1,1-Dichloroethane	6.05	63	73361	20.283	ug/l	98
25) 2-Butanone	7.02	43	82938	116.320	ug/l	91
26) 2,2-Dichloropropane	7.01	77	65565	18.941	ug/l	98
27) cis-1,2-Dichloroethene	7.02	96	48129	19.979	ug/l	98
28) Bromochloromethane	7.36	49	27006	21.918	ug/l	90
29) Tetrahydrofuran	7.38	42	51797	121.202	ug/l	95
30) Chloroform	7.53	83	70053	19.121	ug/l	98
31) Cyclohexane	7.81	56	76746	20.744	ug/l	99
32) 1,1,1-Trichloroethane	7.73	97	60954	18.351	ug/l	96
36) 1,1-Dichloropropene	7.94	75	58914	19.593	ug/l	99
37) Ethyl Acetate	7.10	43	35170	24.161	ug/l	97
38) Carbon Tetrachloride	7.93	117	52408	18.015	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	78412	19.805	ug/l	100
40) Benzene	8.19	78	177049	20.643	ug/l	98
41) Methacrylonitrile	7.35	41	17509m	25.953	ug/l	
42) 1,2-Dichloroethane	8.26	62	47453	19.859	ug/l	99
43) Isopropyl Acetate	8.29	43	67416	23.391	ug/l	94
44) Trichloroethene	8.96	130	43718	18.911	ug/l	98
45) 1,2-Dichloropropane	9.24	63	43528	21.017	ug/l	95
46) Dibromomethane	9.32	93	22801	19.606	ug/l	98
47) Bromodichloromethane	9.52	83	54795	19.338	ug/l	99
48) Methyl methacrylate	9.31	41	30078	22.994	ug/l	93
49) 1,4-Dioxane	9.32	88	6492	422.696	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	171853	121.079	ug/l	94
52) Toluene	10.26	92	108927	20.016	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	58962	19.105	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	69919	19.733	ug/l	95
55) 1,1,2-Trichloroethane	10.66	97	33843	20.283	ug/l	98
56) Ethyl methacrylate	10.52	69	50221	21.161	ug/l	94
57) 1,3-Dichloropropane	10.80	76	59140	20.107	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	93689	107.312	ug/l	96
59) 2-Hexanone	10.85	43	125724	121.827	ug/l	95
60) Dibromochloromethane	11.00	129	36716	18.668	ug/l	98
61) 1,2-Dibromoethane	11.10	107	32090	19.526	ug/l	99
64) Tetrachloroethene	10.73	164	38116	19.800	ug/l	98
65) Chlorobenzene	11.53	112	113783	19.741	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.60	131	39269	19.467	ug/l	97
67) Ethyl Benzene	11.61	91	208128	19.530	ug/l	100
68) m/p-Xylenes	11.72	106	159453	39.857	ug/l	97
69) o-Xylene	12.04	106	74517	19.755	ug/l	99
70) Styrene	12.06	104	131592	20.173	ug/l	98
71) Bromoform	12.22	173	22016	19.600	ug/l #	100
73) Isopropylbenzene	12.34	105	203367	18.919	ug/l	100
74) N-amyl acetate	12.16	43	63667	22.794	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.60	83	41775	20.455	ug/l	98
76) 1,2,3-Trichloropropane	12.65	75	29615m	19.539	ug/l	
77) Bromobenzene	12.62	156	43954	18.895	ug/l	96
78) n-propylbenzene	12.68	91	249393	19.380	ug/l	99
79) 2-Chlorotoluene	12.77	91	137063	18.686	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	170562	18.841	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	14950	19.086	ug/l	89
82) 4-Chlorotoluene	12.86	91	145556	18.926	ug/l	99
83) tert-Butylbenzene	13.09	119	144183	18.843	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	168992	18.861	ug/l	99
85) sec-Butylbenzene	13.27	105	207059	19.246	ug/l	99
86) p-Isopropyltoluene	13.38	119	182775	19.279	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	87336	19.591	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	88314	19.774	ug/l	99
89) n-Butylbenzene	13.70	91	184038	19.674	ug/l	100
90) Hexachloroethane	13.97	117	34270	18.833	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	79932	19.785	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.37	75	7151	18.967	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	53058	19.489	ug/l	99
94) Hexachlorobutadiene	15.13	225	26708	19.329	ug/l	98
95) Naphthalene	15.25	128	117990	18.440	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	46889	19.511	ug/l	97

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

