

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
 Data File : VW014495.D
 Acq On : 03 Jan 2020 13:03
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

apatel
 1/6/2020 10:42:50 AM

Quant Time: Jan 03 15:27:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 15:15:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	935958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1412234	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1220414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	594639	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	42911	5.98	ug/l	0.00
Spiked Amount			Recovery	=	11.96%	
35) Dibromofluoromethane	7.88	113	42415	5.44	ug/l	0.00
Spiked Amount			Recovery	=	10.88%	
50) Toluene-d8	10.32	98	176052	5.53	ug/l	0.00
Spiked Amount			Recovery	=	11.06%	
62) 4-Bromofluorobenzene	12.62	95	62288	5.76	ug/l	0.00
Spiked Amount			Recovery	=	11.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	27107	5.349	ug/l	96
3) Chloromethane	2.21	50	37976	6.959	ug/l	99
4) Vinyl Chloride	2.36	62	50585	6.133	ug/l	94
5) Bromomethane	2.78	94	31158	5.788	ug/l	93
6) Chloroethane	2.92	64	27324	5.526	ug/l	98
7) Trichlorofluoromethane	3.26	101	22632	4.547	ug/l	92
8) Diethyl Ether	3.68	74	23544	5.637	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	46201	5.596	ug/l	98
10) Methyl Iodide	4.27	142	66801	5.032	ug/l	100
11) Tert butyl alcohol	5.16	59	23586	50.210	ug/l #	81
12) 1,1-Dichloroethene	4.04	96	46680	5.461	ug/l	93
13) Acrolein	3.89	56	17857	33.765	ug/l	95
14) Allyl chloride	4.66	41	71579	5.439	ug/l	99
15) Acrylonitrile	5.36	53	52322	29.542	ug/l	98
16) Acetone	4.12	43	72113	44.343	ug/l	97
17) Carbon Disulfide	4.38	76	141675	5.727	ug/l	99
18) Methyl Acetate	4.66	43	29253	6.576	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	58375	5.608	ug/l	98
20) Methylene Chloride	4.92	84	69870	7.290	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	50890	5.550	ug/l	92
22) Diisopropyl ether	6.31	45	133100	5.528	ug/l	93
23) Vinyl Acetate	6.25	43	376850	26.456	ug/l	99
24) 1,1-Dichloroethane	6.20	63	85956	5.652	ug/l	99
25) 2-Butanone	7.17	43	78105	33.519	ug/l	95
26) 2,2-Dichloropropane	7.16	77	56151	6.438	ug/l	93
27) cis-1,2-Dichloroethene	7.17	96	52183	5.367	ug/l	94
28) Bromochloromethane	7.51	49	35474	6.954	ug/l	100
29) Tetrahydrofuran	7.52	42	46298	32.056	ug/l	96
30) Chloroform	7.67	83	79753	5.340	ug/l	98
31) Cyclohexane	7.95	56	98862	6.217	ug/l #	84
32) 1,1,1-Trichloroethane	7.87	97	63344	5.385	ug/l	96
36) 1,1-Dichloropropene	8.08	75	69307	5.233	ug/l	99
37) Ethyl Acetate	7.25	43	30642	5.707	ug/l	96
38) Carbon Tetrachloride	8.06	117	59230	4.997	ug/l	99

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

39) Methylcyclohexane	9.33	83	86410	5.076	ug/l	93
40) Benzene	8.32	78	198006	5.290	ug/l	100
41) Methacrylonitrile	7.48	41	15244	4.641	ug/l #	95
42) 1,2-Dichloroethane	8.40	62	50861	5.348	ug/l	100
43) Isopropyl Acetate	8.42	43	54223	5.383	ug/l	98
44) Trichloroethene	9.09	130	53415	5.042	ug/l	91
45) 1,2-Dichloropropane	9.37	63	47222	5.257	ug/l	96
46) Dibromomethane	9.45	93	23629	5.362	ug/l	98
47) Bromodichloromethane	9.64	83	55905	4.972	ug/l	100
48) Methyl methacrylate	9.43	41	25978	5.223	ug/l	96
49) 1,4-Dioxane	9.44	88	8129	115.866	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	141119	27.738	ug/l	98
52) Toluene	10.38	92	121165	5.039	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	55166	4.813	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	69198	4.912	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	34739	5.295	ug/l	97
56) Ethyl methacrylate	10.64	69	37918	4.557	ug/l	97
57) 1,3-Dichloropropane	10.93	76	59586	5.292	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	60765	17.111	ug/l	97
59) 2-Hexanone	10.97	43	91149	26.035	ug/l	99
60) Dibromochloromethane	11.13	129	37099	4.826	ug/l	98
61) 1,2-Dibromoethane	11.23	107	31691	5.099	ug/l	100
64) Tetrachloroethene	10.86	164	45693	4.946	ug/l	96
65) Chlorobenzene	11.65	112	126399	5.042	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	41500	4.765	ug/l	99
67) Ethyl Benzene	11.73	91	223204	4.940	ug/l	97
68) m/p-Xylenes	11.84	106	169035	9.692	ug/l	100
69) o-Xylene	12.16	106	77441	4.830	ug/l	98
70) Styrene	12.18	104	126810	4.614	ug/l	100
71) Bromoform	12.35	173	21836	4.707	ug/l #	100
73) Isopropylbenzene	12.46	105	213308	4.987	ug/l	98
74) N-amyl acetate	12.27	43	44046	5.093	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	40323	5.743	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30038m	6.483	ug/l	
77) Bromobenzene	12.74	156	50010	4.910	ug/l	99
78) n-propylbenzene	12.80	91	250899	5.058	ug/l	100
79) 2-Chlorotoluene	12.89	91	146909	5.264	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	177700	4.938	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	10943	4.655	ug/l	85
82) 4-Chlorotoluene	12.99	91	153227	5.248	ug/l	99
83) tert-Butylbenzene	13.21	119	157207	4.925	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	180575	5.078	ug/l	98
85) sec-Butylbenzene	13.38	105	217424	4.971	ug/l	100
86) p-Isopropyltoluene	13.49	119	197015	4.851	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	100482	5.101	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	99603	5.080	ug/l	95
89) n-Butylbenzene	13.82	91	180907	4.911	ug/l	99
90) Hexachloroethane	14.09	117	34983	4.961	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	88191	5.144	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6342	5.881	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	51850	4.181	ug/l	99
94) Hexachlorobutadiene	15.23	225	38799	4.663	ug/l	98
95) Naphthalene	15.36	128	75888	3.802	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	45866	4.277	ug/l	99

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

