

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070720\
 Data File : VW015788.D
 Acq On : 07 Jul 2020 11:30
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Quant Time: Jul 08 08:11:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 07:52:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	206887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	323538	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	143588	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	21056	9.87	ug/l	0.00
Spiked Amount			Recovery	=	19.74%	
35) Dibromofluoromethane	7.89	113	19591	10.42	ug/l	0.00
Spiked Amount			Recovery	=	20.84%	
50) Toluene-d8	10.33	98	71609	9.83	ug/l	0.00
Spiked Amount			Recovery	=	19.66%	
62) 4-Bromofluorobenzene	12.62	95	25581	9.57	ug/l	0.00
Spiked Amount			Recovery	=	19.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	10716	9.640	ug/l	91
3) Chloromethane	2.21	50	15797	10.641	ug/l	99
4) Vinyl Chloride	2.37	62	24299	10.577	ug/l	97
5) Bromomethane	2.79	94	18988	10.629	ug/l	95
6) Chloroethane	2.93	64	16040	10.315	ug/l	99
7) Trichlorofluoromethane	3.26	101	16397	9.988	ug/l	96
8) Diethyl Ether	3.68	74	10074	9.763	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	20611	10.564	ug/l	97
10) Methyl Iodide	4.28	142	26612	9.935	ug/l	98
11) Tert butyl alcohol	5.22	59	5606	54.630	ug/l #	80
12) 1,1-Dichloroethene	4.04	96	19223	10.113	ug/l	98
13) Acrolein	3.90	56	7366	49.953	ug/l	98
14) Allyl chloride	4.67	41	30107	9.760	ug/l	99
15) Acrylonitrile	5.38	53	19072	47.935	ug/l	99
16) Acetone	4.15	43	17689	44.769	ug/l	98
17) Carbon Disulfide	4.38	76	56290	9.956	ug/l	100
18) Methyl Acetate	4.68	43	8888	9.914	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	27588	9.803	ug/l	98
20) Methylene Chloride	4.92	84	25987	10.923	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	21761	9.944	ug/l	97
22) Diisopropyl ether	6.32	45	60057	9.688	ug/l	94
23) Vinyl Acetate	6.26	43	168848	46.058	ug/l	99
24) 1,1-Dichloroethane	6.21	63	39481	10.050	ug/l	99
25) 2-Butanone	7.18	43	24998	46.490	ug/l	100
26) 2,2-Dichloropropane	7.17	77	25176	10.259	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	23156	9.808	ug/l	96
28) Bromochloromethane	7.52	49	17176	10.998	ug/l	96
29) Tetrahydrofuran	7.54	42	14813	45.592	ug/l	99
30) Chloroform	7.68	83	40372	10.066	ug/l	99
31) Cyclohexane	7.96	56	38103	10.267	ug/l #	94
32) 1,1,1-Trichloroethane	7.88	97	33550	9.992	ug/l	98
36) 1,1-Dichloropropene	8.09	75	32088	10.057	ug/l	99
37) Ethyl Acetate	7.27	43	11491	9.563	ug/l	98
38) Carbon Tetrachloride	8.07	117	30553	9.962	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	35612	9.435	ug/l	98
40) Benzene	8.33	78	87868	10.076	ug/l	98
41) Methacrylonitrile	7.49	41	6462	9.313	ug/l	97
42) 1,2-Dichloroethane	8.40	62	27154	10.053	ug/l	99
43) Isopropyl Acetate	8.43	43	22659	9.478	ug/l	98
44) Trichloroethene	9.10	130	22742	9.860	ug/l	94
45) 1,2-Dichloropropane	9.37	63	21530	10.073	ug/l	99
46) Dibromomethane	9.46	93	10754	9.754	ug/l	98
47) Bromodichloromethane	9.65	83	27109	9.480	ug/l	100
48) Methyl methacrylate	9.44	41	9760	8.650	ug/l	95
49) 1,4-Dioxane	9.48	88	2797	200.127	ug/l #	79
51) 4-Methyl-2-Pentanone	10.21	43	53931	46.126	ug/l	99
52) Toluene	10.39	92	54981	9.867	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	24893	9.095	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	30175	9.218	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	14912	9.726	ug/l	98
56) Ethyl methacrylate	10.65	69	16387	8.733	ug/l	96
57) 1,3-Dichloropropane	10.93	76	26402	9.775	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	42361	47.035	ug/l	97
59) 2-Hexanone	10.97	43	34699	44.316	ug/l	97
60) Dibromochloromethane	11.13	129	16757	9.447	ug/l	95
61) 1,2-Dibromoethane	11.24	107	14083	9.681	ug/l	97
64) Tetrachloroethene	10.87	164	18450	9.891	ug/l	98
65) Chlorobenzene	11.66	112	57295	9.912	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	20137	9.858	ug/l	98
67) Ethyl Benzene	11.73	91	104630	9.788	ug/l	96
68) m/p-Xylenes	11.84	106	79379	19.790	ug/l	99
69) o-Xylene	12.17	106	34492	9.439	ug/l	97
70) Styrene	12.18	104	59392	9.441	ug/l	98
71) Bromoform	12.35	173	7893	8.488	ug/l #	91
73) Isopropylbenzene	12.47	105	97838	9.662	ug/l	99
74) N-amyl acetate	12.27	43	19771	9.210	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	16330	9.752	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	14175m	10.591	ug/l	
77) Bromobenzene	12.75	156	22478	9.957	ug/l	99
78) n-propylbenzene	12.80	91	121139	9.831	ug/l	100
79) 2-Chlorotoluene	12.90	91	69330	9.890	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	84772	9.829	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.52	75	4009	8.174	ug/l	89
82) 4-Chlorotoluene	12.99	91	73353	10.010	ug/l	100
83) tert-Butylbenzene	13.21	119	68714	9.569	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	86049	10.007	ug/l	97
85) sec-Butylbenzene	13.38	105	99366	9.610	ug/l	99
86) p-Isopropyltoluene	13.50	119	92913	9.860	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	46313	10.137	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	45704	10.281	ug/l	98
89) n-Butylbenzene	13.82	91	87590	9.677	ug/l	98
90) Hexachloroethane	14.10	117	16272	9.456	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	39825	10.127	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	2502	9.364	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	22798	9.201	ug/l	96
94) Hexachlorobutadiene	15.24	225	16076	10.219	ug/l	97
95) Naphthalene	15.37	128	35845	8.676	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	20168	9.636	ug/l	97

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

