

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082918\
 Data File : VW004999.D
 Acq On : 29 Aug 2018 13:02
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
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apatel
 8/30/2018 12:42:16 PM

Quant Time: Aug 30 01:35:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:20:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	505415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	684380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	715926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	402410	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	69158	20.00	ug/l	0.00
Spiked Amount			Recovery	=	40.00%	
35) Dibromofluoromethane	7.89	113	68029	20.06	ug/l	0.00
Spiked Amount			Recovery	=	40.12%	
50) Toluene-d8	10.33	98	380851	20.45	ug/l	0.00
Spiked Amount			Recovery	=	40.90%	
62) 4-Bromofluorobenzene	12.62	95	138438	20.39	ug/l	0.00
Spiked Amount			Recovery	=	40.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	97453	22.319	ug/l	93
3) Chloromethane	2.22	50	132827	21.420	ug/l	99
4) Vinyl Chloride	2.36	62	130460	21.077	ug/l	99
5) Bromomethane	2.78	94	81197	20.068	ug/l	100
6) Chloroethane	2.92	64	75553	20.642	ug/l	95
7) Trichlorofluoromethane	3.26	101	128869	20.136	ug/l	99
8) Diethyl Ether	3.69	74	36116	19.846	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	80569	20.396	ug/l	99
10) Methyl Iodide	4.28	142	107661	19.927	ug/l	99
11) Tert butyl alcohol	5.21	59	23257	112.700	ug/l #	73
12) 1,1-Dichloroethene	4.04	96	72896	19.752	ug/l	99
13) Acrolein	3.91	56	26753	90.749	ug/l	98
14) Allyl chloride	4.68	41	110068	19.368	ug/l	99
15) Acrylonitrile	5.39	53	88603	95.476	ug/l	98
16) Acetone	4.15	43	70309	90.180	ug/l	98
17) Carbon Disulfide	4.39	76	311072	20.053	ug/l	99
18) Methyl Acetate	4.68	43	34076	18.044	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	154962	19.539	ug/l	98
20) Methylene Chloride	4.92	84	126845	19.308	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	81514	20.341	ug/l	98
22) Diisopropyl ether	6.32	45	226831	19.553	ug/l	99
23) Vinyl Acetate	6.27	43	582584	98.223	ug/l	99
24) 1,1-Dichloroethane	6.23	63	139401	19.860	ug/l	98
25) 2-Butanone	7.18	43	116906	96.156	ug/l	97
26) 2,2-Dichloropropane	7.17	77	125765	20.414	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	86813	19.914	ug/l	99
28) Bromochloromethane	7.52	49	62131	20.130	ug/l	100
29) Tetrahydrofuran	7.54	42	58160	94.696	ug/l	99
30) Chloroform	7.68	83	138372	20.042	ug/l	100
31) Cyclohexane	7.96	56	147609	19.842	ug/l	93
32) 1,1,1-Trichloroethane	7.88	97	130902	20.606	ug/l	98
36) 1,1-Dichloropropene	8.09	75	119477	20.604	ug/l	98
37) Ethyl Acetate	7.26	43	43643	20.880	ug/l	99
38) Carbon Tetrachloride	8.07	117	117028	20.853	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	155734	19.482	ug/l	97
40) Benzene	8.33	78	384441	20.712	ug/l	98
41) Methacrylonitrile	7.49	41	23604	19.379	ug/l	98
42) 1,2-Dichloroethane	8.40	62	86034	20.830	ug/l	99
43) Isopropyl Acetate	8.43	43	79761	19.178	ug/l	99
44) Trichloroethene	9.10	130	97327	20.529	ug/l	100
45) 1,2-Dichloropropane	9.37	63	86718	20.420	ug/l	98
46) Dibromomethane	9.46	93	41805	20.798	ug/l	98
47) Bromodichloromethane	9.65	83	102380	20.614	ug/l	99
48) Methyl methacrylate	9.45	41	40676	18.420	ug/l	92
49) 1,4-Dioxane	9.48	88	16209	388.597	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	301207	96.698	ug/l	99
52) Toluene	10.40	92	286932	20.836	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	104317	19.667	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	126207	20.404	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	66016	20.066	ug/l	95
56) Ethyl methacrylate	10.65	69	83580	19.368	ug/l	99
57) 1,3-Dichloropropane	10.94	76	108883	20.112	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	180354	97.008	ug/l	99
59) 2-Hexanone	10.98	43	216574	96.028	ug/l	98
60) Dibromochloromethane	11.13	129	72186	19.992	ug/l	99
61) 1,2-Dibromoethane	11.24	107	60897	19.744	ug/l	100
64) Tetrachloroethene	10.87	164	106025	20.312	ug/l	98
65) Chlorobenzene	11.66	112	318807	20.268	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	85013	19.678	ug/l	98
67) Ethyl Benzene	11.74	91	539357	20.026	ug/l	100
68) m/p-Xylenes	11.85	106	449849	40.951	ug/l	98
69) o-Xylene	12.17	106	203437	20.267	ug/l	100
70) Styrene	12.19	104	337564	20.273	ug/l	99
71) Bromoform	12.35	173	45412	18.905	ug/l #	99
73) Isopropylbenzene	12.47	105	544392	20.294	ug/l	99
74) N-amyl acetate	12.28	43	95258	18.817	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	78282	19.274	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	64560m	12.852	ug/l	
77) Bromobenzene	12.75	156	132849	20.184	ug/l	99
78) n-propylbenzene	12.81	91	678687	20.511	ug/l	99
79) 2-Chlorotoluene	12.90	91	389798	20.396	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	490149	20.681	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	23177	18.379	ug/l	91
82) 4-Chlorotoluene	12.99	91	422659	20.757	ug/l	98
83) tert-Butylbenzene	13.21	119	397605	19.974	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	492182	20.467	ug/l	100
85) sec-Butylbenzene	13.39	105	593971	20.327	ug/l	100
86) p-Isopropyltoluene	13.51	119	532974	20.359	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	285091	20.432	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	279911	20.253	ug/l	99
89) n-Butylbenzene	13.83	91	485556	19.758	ug/l	99
90) Hexachloroethane	14.10	117	80937	19.668	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	247551	20.155	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13001	18.533	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	164418	19.108	ug/l	99
94) Hexachlorobutadiene	15.25	225	106849	19.837	ug/l	98
95) Naphthalene	15.38	128	253751	17.975	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	144282	18.980	ug/l	100

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

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