

Data File : VW005548.D
Acq On : 21 Sep 2018 00:02
Operator : SY/AP
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVW092118

Manual Integrations
APPROVED

apatel
10/2/2018 12:28:36 PM

Quant Time: Sep 21 09:06:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	365793	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	183785	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	137362	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
35) Dibromofluoromethane	7.89	113	115554	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
50) Toluene-d8	10.33	98	479267	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.63	95	178072	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	69940	48.765	ug/l	97
3) Chloromethane	2.21	50	89763	46.902	ug/l	99
4) Vinyl Chloride	2.37	62	109123	47.701	ug/l	99
5) Bromomethane	2.78	94	73198	47.347	ug/l	99
6) Chloroethane	2.93	64	69660	47.455	ug/l	98
7) Trichlorofluoromethane	3.26	101	85483	47.777	ug/l	97
8) Diethyl Ether	3.68	74	55917	47.843	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	107420	47.428	ug/l	99
10) Methyl Iodide	4.26	142	174022	49.962	ug/l	99
11) Tert butyl alcohol	5.21	59	36143	249.576	ug/l	99
12) 1,1-Dichloroethene	4.04	96	102996	47.501	ug/l	94
13) Acrolein	3.90	56	22756	233.697	ug/l	98
14) Allyl chloride	4.67	41	191931	50.720	ug/l	100
15) Acrylonitrile	5.37	53	124564	240.043	ug/l	99
16) Acetone	4.13	43	112114	254.436	ug/l	97
17) Carbon Disulfide	4.38	76	321984	47.527	ug/l	100
18) Methyl Acetate	4.67	43	63146	47.502	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	172199	51.452	ug/l	98
20) Methylene Chloride	4.92	84	122425	52.295	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	118109	49.732	ug/l	99
22) Diisopropyl ether	6.32	45	387381	52.734	ug/l	98
23) Vinyl Acetate	6.26	43	1093998	260.556	ug/l	100
24) 1,1-Dichloroethane	6.22	63	227295	50.080	ug/l	100
25) 2-Butanone	7.18	43	160131	235.070	ug/l	100
26) 2,2-Dichloropropane	7.17	77	148681	46.924	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	131941	50.370	ug/l	99
28) Bromochloromethane	7.52	49	85708	47.674	ug/l	99
29) Tetrahydrofuran	7.54	42	104648	245.899	ug/l	99
30) Chloroform	7.68	83	235585	50.278	ug/l	98
31) Cyclohexane	7.96	56	203827	46.875	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	202546	48.932	ug/l	99
36) 1,1-Dichloropropene	8.09	75	180197	48.936	ug/l	99
37) Ethyl Acetate	7.26	43	73121	47.187	ug/l	99
38) Carbon Tetrachloride	8.07	117	189051	47.911	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	216608	49.858	ug/l	100
40) Benzene	8.33	78	511191	48.996	ug/l	98
41) Methacrylonitrile	7.49	41	44462	50.422	ug/l	96
42) 1,2-Dichloroethane	8.40	62	164503	49.247	ug/l	100
43) Isopropyl Acetate	8.43	43	146787	48.179	ug/l	100
44) Trichloroethene	9.10	130	130674	48.932	ug/l	93
45) 1,2-Dichloropropane	9.37	63	127746	49.769	ug/l	98
46) Dibromomethane	9.46	93	62020	48.359	ug/l	99
47) Bromodichloromethane	9.65	83	170663	49.537	ug/l	97
48) Methyl methacrylate	9.44	41	71636	49.504	ug/l	99
49) 1,4-Dioxane	9.47	88	19608	961.646	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	373800	243.599	ug/l	100
52) Toluene	10.39	92	326147	50.100	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	175067	50.690	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	198004	51.169	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	89401	49.109	ug/l	97
56) Ethyl methacrylate	10.65	69	115660	51.467	ug/l	99
57) 1,3-Dichloropropane	10.94	76	158636	49.167	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	264841	259.977	ug/l	99
59) 2-Hexanone	10.98	43	255334	244.944	ug/l	99
60) Dibromochloromethane	11.13	129	111033	50.479	ug/l	99
61) 1,2-Dibromoethane	11.24	107	85125	50.152	ug/l	98
64) Tetrachloroethene	10.87	164	116410	47.929	ug/l	94
65) Chlorobenzene	11.66	112	358270	49.317	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.74	131	128979	49.330	ug/l	98
67) Ethyl Benzene	11.74	91	651464	50.521	ug/l	100
68) m/p-Xylenes	11.85	106	497350	102.089	ug/l	99
69) o-Xylene	12.17	106	234110	51.311	ug/l	100
70) Styrene	12.19	104	394658	51.399	ug/l	100
71) Bromoform	12.35	173	67207	48.425	ug/l #	100
73) Isopropylbenzene	12.47	105	663094	52.028	ug/l	100
74) N-amyl acetate	12.28	43	144277	49.993	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	101985	48.175	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	74698m	47.680	ug/l	
77) Bromobenzene	12.76	156	150457	50.368	ug/l	98
78) n-propylbenzene	12.81	91	797583	51.690	ug/l	100
79) 2-Chlorotoluene	12.90	91	459821	51.508	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	578242	52.177	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	34466	49.550	ug/l	98
82) 4-Chlorotoluene	12.99	91	483041	51.211	ug/l	100
83) tert-Butylbenzene	13.21	119	490603	52.693	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	593126	53.035	ug/l	99
85) sec-Butylbenzene	13.39	105	706317	52.307	ug/l	100
86) p-Isopropyltoluene	13.51	119	631902	52.209	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	306245	50.137	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	301681	49.660	ug/l	100
89) n-Butylbenzene	13.83	91	597259	52.317	ug/l	99
90) Hexachloroethane	14.10	117	111665	50.903	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	273594	50.740	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19302	47.856	ug/l	96

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Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	196320	51.039	ug/l	99
94) Hexachlorobutadiene	15.24	225	125099	50.202	ug/l	100
95) Naphthalene	15.38	128	341579	52.795	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	173887	51.297	ug/l	99

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

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