

Data File : VW005546.D
Acq On : 20 Sep 2018 22:45
Operator : SY/AP
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

apatel
10/2/2018 12:28:29 PM

Quant Time: Sep 21 09:05:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 21 04:37:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	236524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	360754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	320041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	175950	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	261472	102.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.96%	
35) Dibromofluoromethane	7.89	113	217622	104.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.50%	
50) Toluene-d8	10.33	98	895852	96.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.34%	
62) 4-Bromofluorobenzene	12.62	95	334334	98.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	139938	64.259	ug/l	99
3) Chloromethane	2.22	50	175539	66.246	ug/l	100
4) Vinyl Chloride	2.37	62	211203	82.223	ug/l	99
5) Bromomethane	2.78	94	140094	74.273	ug/l	98
6) Chloroethane	2.93	64	133694	87.344	ug/l	99
7) Trichlorofluoromethane	3.26	101	171863	53.399	ug/l	98
8) Diethyl Ether	3.68	74	100293	94.953	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	205941	99.559	ug/l	99
10) Methyl Iodide	4.26	142	323141	141.399	ug/l	99
11) Tert butyl alcohol	5.21	59	65401m	375.145	ug/l	
12) 1,1-Dichloroethene	4.03	96	196465	103.872	ug/l	94
13) Acrolein	3.90	56	43748	382.018	ug/l	100
14) Allyl chloride	4.67	41	363062	104.101	ug/l	99
15) Acrylonitrile	5.37	53	233151	486.818	ug/l	99
16) Acetone	4.14	43	198769	481.525	ug/l	96
17) Carbon Disulfide	4.37	76	617883	94.739	ug/l	99
18) Methyl Acetate	4.68	43	118030	98.180	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	317134	67.209	ug/l	99
20) Methylene Chloride	4.91	84	216079	73.282	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	221336	98.744	ug/l	98
22) Diisopropyl ether	6.31	45	708139	103.848	ug/l	99
23) Vinyl Acetate	6.26	43	2052699	526.931	ug/l	99
24) 1,1-Dichloroethane	6.22	63	420653	100.891	ug/l	99
25) 2-Butanone	7.18	43	300615	499.575	ug/l	99
26) 2,2-Dichloropropane	7.17	77	275649	77.176	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	246342	100.994	ug/l	100
28) Bromochloromethane	7.51	49	162843	100.334	ug/l	100
29) Tetrahydrofuran	7.54	42	194382	505.396	ug/l	100
30) Chloroform	7.68	83	437388	101.064	ug/l	98
31) Cyclohexane	7.96	56	383790	96.407	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	382865	96.856	ug/l	99
36) 1,1-Dichloropropene	8.09	75	344107	99.154	ug/l	100
37) Ethyl Acetate	7.26	43	133697	93.994	ug/l	98
38) Carbon Tetrachloride	8.07	117	366567	100.708	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	420789	104.574	ug/l	98
40) Benzene	8.33	78	952769	95.302	ug/l	99
41) Methacrylonitrile	7.49	41	83586	98.103	ug/l	97
42) 1,2-Dichloroethane	8.40	62	302337	95.711	ug/l	99
43) Isopropyl Acetate	8.43	43	277198	100.462	ug/l	99
44) Trichloroethene	9.10	130	246882	95.918	ug/l	95
45) 1,2-Dichloropropane	9.37	63	234065	97.245	ug/l	99
46) Dibromomethane	9.46	93	115305	96.939	ug/l	99
47) Bromodichloromethane	9.65	83	322339	100.317	ug/l	100
48) Methyl methacrylate	9.44	41	140515	102.955	ug/l	96
49) 1,4-Dioxane	9.47	88	37945	1962.352	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	712930	505.172	ug/l	98
52) Toluene	10.39	92	610612	91.536	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	333526	103.662	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	371370	101.993	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	165039	93.953	ug/l	98
56) Ethyl methacrylate	10.65	69	222347	101.115	ug/l	99
57) 1,3-Dichloropropane	10.94	76	294910	97.458	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	518693	518.655	ug/l	99
59) 2-Hexanone	10.98	43	488495	510.069	ug/l	99
60) Dibromochloromethane	11.13	129	205103	97.187	ug/l	98
61) 1,2-Dibromoethane	11.24	107	146601	92.740	ug/l	92
64) Tetrachloroethene	10.87	164	216104	91.894	ug/l	98
65) Chlorobenzene	11.66	112	666004	97.568	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.74	131	241220	108.127	ug/l	98
67) Ethyl Benzene	11.74	91	1219778	101.585	ug/l	99
68) m/p-Xylenes	11.85	106	914833	198.410	ug/l	97
69) o-Xylene	12.17	106	435560	101.473	ug/l	99
70) Styrene	12.19	104	732287	102.965	ug/l	99
71) Bromoform	12.35	173	126416	107.265	ug/l #	99
73) Isopropylbenzene	12.47	105	1250072	100.845	ug/l	100
74) N-amyl acetate	12.28	43	275442	104.794	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	189723	102.789	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	132582m	90.412	ug/l	
77) Bromobenzene	12.76	156	275725	94.382	ug/l	99
78) n-propylbenzene	12.81	91	1492571	99.808	ug/l	99
79) 2-Chlorotoluene	12.90	91	854371	97.194	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1064160	98.681	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	65704	114.238	ug/l	96
82) 4-Chlorotoluene	12.99	91	888977	95.725	ug/l	99
83) tert-Butylbenzene	13.21	119	921706	102.760	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1068554	97.508	ug/l	98
85) sec-Butylbenzene	13.39	105	1317781	101.670	ug/l	100
86) p-Isopropyltoluene	13.51	119	1175382	101.345	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	563153	94.925	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	550934	94.433	ug/l	99
89) n-Butylbenzene	13.83	91	1104450	102.378	ug/l	100
90) Hexachloroethane	14.10	117	208389	104.026	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	492385	95.137	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	36047	102.981	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092118\
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	366904	105.425	ug/l	99
94) Hexachlorobutadiene	15.24	225	231181	102.237	ug/l	99
95) Naphthalene	15.38	128	645375	110.692	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	319641	104.834	ug/l	99

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

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