

Data File : VW003252.D
Acq On : 13 Jun 2018 18:15
Operator : VA/AP
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

apatel
6/14/2018 10:03:34 AM

Quant Time: Jun 14 08:13:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 14 07:51:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	287411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	441718	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	406382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	211460	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	316448	111.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	222.92%	
35) Dibromofluoromethane	7.88	113	284162	108.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	217.88%	
50) Toluene-d8	10.33	98	1155209	114.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	228.08%	
62) 4-Bromofluorobenzene	12.63	95	413408	112.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	224.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	87693	105.071	ug/l	95
3) Chloromethane	2.21	50	209412	95.033	ug/l	95
4) Vinyl Chloride	2.36	62	304278	89.312	ug/l	100
5) Bromomethane	2.78	94	202240	82.024	ug/l	97
6) Chloroethane	2.92	64	217406	84.406	ug/l	99
7) Trichlorofluoromethane	3.25	101	180962	94.880	ug/l	95
8) Diethyl Ether	3.68	74	132804	87.921	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	254236	98.971	ug/l	99
10) Methyl Iodide	4.26	142	389203	92.355	ug/l	99
11) Tert butyl alcohol	5.25	59	93667	503.990	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	248885	96.201	ug/l	98
13) Acrolein	3.90	56	102059	526.380	ug/l	98
14) Allyl chloride	4.66	41	445394	103.796	ug/l	100
15) Acrylonitrile	5.38	53	291070	497.968	ug/l	99
16) Acetone	4.15	43	300838	530.796	ug/l	99
17) Carbon Disulfide	4.37	76	731529	93.736	ug/l	98
18) Methyl Acetate	4.68	43	148844	102.017	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	487601	100.211	ug/l	98
20) Methylene Chloride	4.91	84	263147	91.777	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	276590	98.140	ug/l	100
22) Diisopropyl ether	6.31	45	924334	105.659	ug/l	98
23) Vinyl Acetate	6.26	43	2769027	537.732	ug/l	100
24) 1,1-Dichloroethane	6.21	63	525335	101.898	ug/l	99
25) 2-Butanone	7.19	43	406508	522.915	ug/l	98
26) 2,2-Dichloropropane	7.17	77	335106	105.412	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	306308	98.944	ug/l	99
28) Bromochloromethane	7.51	49	238828	114.802	ug/l	99
29) Tetrahydrofuran	7.54	42	259993	518.589	ug/l	99
30) Chloroform	7.68	83	540216	101.944	ug/l	100
31) Cyclohexane	7.96	56	471076	96.759	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	444927	103.648	ug/l	99
36) 1,1-Dichloropropene	8.09	75	422804	101.849	ug/l	100
37) Ethyl Acetate	7.26	43	176443	96.710	ug/l	99
38) Carbon Tetrachloride	8.07	117	423000	104.396	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	514207	104.563	ug/l	99
40) Benzene	8.32	78	1159770	99.773	ug/l	100
41) Methacrylonitrile	7.49	41	113628	108.600	ug/l	99
42) 1,2-Dichloroethane	8.40	62	362727	100.365	ug/l	99
43) Isopropyl Acetate	8.43	43	363829	103.124	ug/l	99
44) Trichloroethene	9.09	130	306757	98.056	ug/l	100
45) 1,2-Dichloropropane	9.37	63	298761	102.366	ug/l	97
46) Dibromomethane	9.46	93	153302	98.276	ug/l	99
47) Bromodichloromethane	9.65	83	397135	104.255	ug/l	99
48) Methyl methacrylate	9.44	41	177616	105.920	ug/l	98
49) 1,4-Dioxane	9.49	88	51319	2122.788	ug/l	95
51) 4-Methyl-2-Pentanone	10.22	43	943547	526.232	ug/l	99
52) Toluene	10.39	92	756273	101.398	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	423010	107.832	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	473595	106.139	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	216334	100.361	ug/l	98
56) Ethyl methacrylate	10.65	69	295530	110.617	ug/l	99
57) 1,3-Dichloropropane	10.94	76	375022	100.721	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	626898	514.455	ug/l	98
59) 2-Hexanone	10.98	43	672344	551.016	ug/l	98
60) Dibromochloromethane	11.13	129	269044	103.793	ug/l	100
61) 1,2-Dibromoethane	11.24	107	209120	100.686	ug/l	100
64) Tetrachloroethene	10.87	164	264404	91.875	ug/l	98
65) Chlorobenzene	11.66	112	831057	99.455	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	299804	102.859	ug/l	99
67) Ethyl Benzene	11.74	91	1531699	103.652	ug/l	100
68) m/p-Xylenes	11.85	106	1168385	206.817	ug/l	98
69) o-Xylene	12.17	106	550914	103.410	ug/l	100
70) Styrene	12.19	104	933496	104.938	ug/l	99
71) Bromoform	12.35	173	163430	104.923	ug/l #	99
73) Isopropylbenzene	12.47	105	1557931	106.430	ug/l	100
74) N-amyl acetate	12.28	43	375619	111.352	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	254227	101.958	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	181738m	96.910	ug/l	
77) Bromobenzene	12.76	156	345573	100.139	ug/l	98
78) n-propylbenzene	12.81	91	1889410	108.091	ug/l	100
79) 2-Chlorotoluene	12.90	91	1047791	105.495	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1286719	105.406	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	85927	116.223	ug/l	99
82) 4-Chlorotoluene	12.99	91	1100087	103.750	ug/l	100
83) tert-Butylbenzene	13.21	119	1108397	103.154	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1315263	104.313	ug/l	100
85) sec-Butylbenzene	13.40	105	1616075	105.884	ug/l	100
86) p-Isopropyltoluene	13.51	119	1441034	105.591	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	702558	101.121	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	686503	98.932	ug/l	100
89) n-Butylbenzene	13.83	91	1392295	107.816	ug/l	100
90) Hexachloroethane	14.10	117	258798	106.778	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	612442	98.997	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	43291	101.080	ug/l	98

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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	438461	99.549	ug/l	99
94) Hexachlorobutadiene	15.25	225	255569	99.024	ug/l	99
95) Naphthalene	15.38	128	791744	101.639	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	380185	98.069	ug/l	99

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

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