

Data File : VW005544.D
Acq On : 20 Sep 2018 21:54
Operator : SY/AP
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

apatel
10/2/2018 12:28:22 PM

Quant Time: Sep 21 05:51:38 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	243440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	365889	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	337710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	183074	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	144583	55.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.64%	
35) Dibromofluoromethane	7.88	113	118373	55.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.82%	
50) Toluene-d8	10.33	98	487399	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
62) 4-Bromofluorobenzene	12.62	95	179582	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	73754	32.906	ug/l	100
3) Chloromethane	2.21	50	87880	32.223	ug/l	100
4) Vinyl Chloride	2.37	62	111331	42.111	ug/l	100
5) Bromomethane	2.78	94	74476	38.363	ug/l	100
6) Chloroethane	2.93	64	70056	44.468	ug/l	100
7) Trichlorofluoromethane	3.26	101	88657	26.764	ug/l	100
8) Diethyl Ether	3.68	74	57378	52.780	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	109864	51.603	ug/l	100
10) Methyl Iodide	4.27	142	175239	74.502	ug/l	100
11) Tert butyl alcohol	5.20	59	35485	197.762	ug/l	100
12) 1,1-Dichloroethene	4.04	96	105991	54.446	ug/l	100
13) Acrolein	3.89	56	23239	197.164	ug/l	100
14) Allyl chloride	4.67	41	192053	53.503	ug/l	100
15) Acrylonitrile	5.37	53	128125	259.924	ug/l	100
16) Acetone	4.13	43	111107	261.514	ug/l	100
17) Carbon Disulfide	4.38	76	330790	49.279	ug/l	100
18) Methyl Acetate	4.67	43	64132	51.831	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	173239	35.671	ug/l	100
20) Methylene Chloride	4.92	84	124484	41.019	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	120831	52.375	ug/l	100
22) Diisopropyl ether	6.32	45	388934	55.416	ug/l	100
23) Vinyl Acetate	6.26	43	1110846	277.055	ug/l	100
24) 1,1-Dichloroethane	6.21	63	230553	53.726	ug/l	100
25) 2-Butanone	7.18	43	163086	263.324	ug/l	100
26) 2,2-Dichloropropane	7.17	77	154210	41.949	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	134224	53.465	ug/l	100
28) Bromochloromethane	7.52	49	87847	52.588	ug/l	100
29) Tetrahydrofuran	7.54	42	107014	270.333	ug/l	100
30) Chloroform	7.68	83	240135	53.910	ug/l	100
31) Cyclohexane	7.96	56	206004	50.278	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	207879	51.094	ug/l	100
36) 1,1-Dichloropropene	8.09	75	185419	52.678	ug/l	100
37) Ethyl Acetate	7.26	43	77213	53.522	ug/l	100
38) Carbon Tetrachloride	8.07	117	197065	53.381	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	217416	53.274	ug/l	100
40) Benzene	8.33	78	523324	51.612	ug/l	100
41) Methacrylonitrile	7.49	41	45384	52.519	ug/l	100
42) 1,2-Dichloroethane	8.40	62	167457	52.268	ug/l	100
43) Isopropyl Acetate	8.43	43	149088	53.274	ug/l	100
44) Trichloroethene	9.10	130	132704	50.834	ug/l	100
45) 1,2-Dichloropropane	9.37	63	129632	53.102	ug/l	100
46) Dibromomethane	9.46	93	64513	53.476	ug/l	100
47) Bromodichloromethane	9.65	83	175059	53.717	ug/l	100
48) Methyl methacrylate	9.44	41	73769	53.292	ug/l	100
49) 1,4-Dioxane	9.46	88	19734	1006.235	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	382641	267.329	ug/l	100
52) Toluene	10.39	92	332387	49.128	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	177758	54.473	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	199697	54.075	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	90866	51.002	ug/l	100
56) Ethyl methacrylate	10.65	69	118229	53.012	ug/l	100
57) 1,3-Dichloropropane	10.94	76	161072	52.482	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	261381	257.694	ug/l	100
59) 2-Hexanone	10.98	43	264828	272.643	ug/l	100
60) Dibromochloromethane	11.13	129	111691	52.182	ug/l	100
61) 1,2-Dibromoethane	11.24	107	85795	53.512	ug/l	100
64) Tetrachloroethene	10.87	164	118686	47.828	ug/l	100
65) Chlorobenzene	11.66	112	362177	50.282	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	131610	55.908	ug/l	100
67) Ethyl Benzene	11.74	91	658321	51.958	ug/l	100
68) m/p-Xylenes	11.85	106	501440	103.063	ug/l	100
69) o-Xylene	12.17	106	234457	51.764	ug/l	100
70) Styrene	12.19	104	402751	53.667	ug/l	100
71) Bromoform	12.35	173	69501	55.887	ug/l #	100
73) Isopropylbenzene	12.47	105	665024	51.561	ug/l	100
74) N-amyl acetate	12.28	43	146187	53.453	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	105615	54.994	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	74054m	48.534	ug/l	
77) Bromobenzene	12.76	156	151555	49.859	ug/l	100
78) n-propylbenzene	12.81	91	808227	51.943	ug/l	100
79) 2-Chlorotoluene	12.90	91	459980	50.291	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	584816	52.120	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	34754	58.075	ug/l	100
82) 4-Chlorotoluene	12.99	91	488460	50.551	ug/l	100
83) tert-Butylbenzene	13.21	119	487019	52.184	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	597922	52.438	ug/l	100
85) sec-Butylbenzene	13.39	105	697998	51.757	ug/l	100
86) p-Isopropyltoluene	13.51	119	635540	52.666	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	308263	49.939	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	304198	50.112	ug/l	100
89) n-Butylbenzene	13.83	91	590848	52.638	ug/l	100
90) Hexachloroethane	14.10	117	110648	53.085	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	272229	50.552	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18776	51.553	ug/l	100

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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	197273	54.478	ug/l	100
94) Hexachlorobutadiene	15.24	225	123413	52.454	ug/l	100
95) Naphthalene	15.38	128	339715	55.999	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	174014	54.851	ug/l	100

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

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