

Data File : VW005545.D
Acq On : 20 Sep 2018 22:19
Operator : SY/AP
Sample : VSTDIC075
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Manual Integrations
APPROVED

apatel
10/2/2018 12:28:26 PM

Quant Time: Sep 21 05:52:54 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	241436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	363224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	337407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	180540	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	197716	76.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	152.56%	
35) Dibromofluoromethane	7.88	113	165059	78.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	157.06%	
50) Toluene-d8	10.33	98	680446	72.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	145.10%	
62) 4-Bromofluorobenzene	12.62	95	254015	74.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	148.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	101551	45.683	ug/l	93
3) Chloromethane	2.21	50	126999	46.953	ug/l	97
4) Vinyl Chloride	2.37	62	155117	59.159	ug/l	98
5) Bromomethane	2.78	94	102781	53.382	ug/l	97
6) Chloroethane	2.93	64	98584	63.096	ug/l	100
7) Trichlorofluoromethane	3.26	101	128537	39.125	ug/l	98
8) Diethyl Ether	3.68	74	78697	72.991	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	154433	73.139	ug/l	100
10) Methyl Iodide	4.26	142	240163	102.951	ug/l	99
11) Tert butyl alcohol	5.22	59	48364	271.775	ug/l #	72
12) 1,1-Dichloroethene	4.04	96	147678	76.490	ug/l	99
13) Acrolein	3.89	56	32272	276.074	ug/l	98
14) Allyl chloride	4.67	41	267715	75.200	ug/l	99
15) Acrylonitrile	5.38	53	172543	352.939	ug/l	99
16) Acetone	4.14	43	147613	350.323	ug/l	98
17) Carbon Disulfide	4.37	76	459650	69.044	ug/l	100
18) Methyl Acetate	4.67	43	89543	72.969	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	237978	49.408	ug/l	99
20) Methylene Chloride	4.92	84	166074	55.177	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	165345	72.264	ug/l	100
22) Diisopropyl ether	6.31	45	533795	76.688	ug/l	99
23) Vinyl Acetate	6.26	43	1528798	384.461	ug/l	100
24) 1,1-Dichloroethane	6.22	63	315101	74.038	ug/l	99
25) 2-Butanone	7.18	43	223093	363.203	ug/l	100
26) 2,2-Dichloropropane	7.17	77	209450	57.449	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	184628	74.153	ug/l	99
28) Bromochloromethane	7.51	49	118510	71.533	ug/l	99
29) Tetrahydrofuran	7.54	42	147093	374.663	ug/l	98
30) Chloroform	7.68	83	325281	73.631	ug/l	100
31) Cyclohexane	7.96	56	289057	71.133	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	287947	71.362	ug/l	99
36) 1,1-Dichloropropene	8.09	75	255981	73.259	ug/l	99
37) Ethyl Acetate	7.26	43	100281	70.022	ug/l	99
38) Carbon Tetrachloride	8.07	117	273523	74.635	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	314019	77.509	ug/l	99
40) Benzene	8.33	78	720454	71.575	ug/l	99
41) Methacrylonitrile	7.49	41	61085	71.207	ug/l	96
42) 1,2-Dichloroethane	8.40	62	227199	71.435	ug/l	99
43) Isopropyl Acetate	8.43	43	206402	74.295	ug/l	100
44) Trichloroethene	9.10	130	181378	69.990	ug/l	96
45) 1,2-Dichloropropane	9.37	63	176249	72.727	ug/l	100
46) Dibromomethane	9.46	93	86527	72.250	ug/l	98
47) Bromodichloromethane	9.65	83	240429	74.316	ug/l	100
48) Methyl methacrylate	9.44	41	102945	74.915	ug/l	97
49) 1,4-Dioxane	9.47	88	27820	1428.947	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	528470	371.920	ug/l	100
52) Toluene	10.39	92	450113	67.017	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	243587	75.193	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	273817	74.690	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	123585	69.876	ug/l	97
56) Ethyl methacrylate	10.65	69	163001	73.623	ug/l	99
57) 1,3-Dichloropropane	10.94	76	220512	72.376	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	380232	377.619	ug/l	99
59) 2-Hexanone	10.98	43	361376	374.770	ug/l	99
60) Dibromochloromethane	11.13	129	155214	73.048	ug/l	97
61) 1,2-Dibromoethane	11.24	107	116171	72.990	ug/l	100
64) Tetrachloroethene	10.87	164	160362	64.681	ug/l	98
65) Chlorobenzene	11.66	112	477677	66.377	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.74	131	178949	76.085	ug/l	98
67) Ethyl Benzene	11.74	91	894656	70.674	ug/l	95
68) m/p-Xylenes	11.85	106	690210	141.989	ug/l	100
69) o-Xylene	12.17	106	325092	71.839	ug/l	100
70) Styrene	12.19	104	545704	72.781	ug/l	99
71) Bromoform	12.35	173	94235	75.844	ug/l	100
73) Isopropylbenzene	12.47	105	929800	73.101	ug/l	100
74) N-amyl acetate	12.28	43	200205	74.233	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	142427	75.203	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	102403m	68.056	ug/l	
77) Bromobenzene	12.76	156	205955	68.707	ug/l	99
78) n-propylbenzene	12.81	91	1121957	73.118	ug/l	100
79) 2-Chlorotoluene	12.90	91	642802	71.267	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	804842	72.737	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	47460	80.420	ug/l	100
82) 4-Chlorotoluene	12.99	91	668174	70.120	ug/l	100
83) tert-Butylbenzene	13.21	119	683834	74.302	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	795736	70.766	ug/l	98
85) sec-Butylbenzene	13.39	105	970832	72.998	ug/l	99
86) p-Isopropyltoluene	13.51	119	887380	74.568	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	423435	69.560	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	416394	69.558	ug/l	99
89) n-Butylbenzene	13.83	91	829898	74.973	ug/l	100
90) Hexachloroethane	14.10	117	154009	74.925	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	371208	69.900	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	26615	74.102	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	273467	76.580	ug/l	99
94) Hexachlorobutadiene	15.24	225	171658	73.984	ug/l	99
95) Naphthalene	15.38	128	470860	78.707	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	236737	75.670	ug/l	100

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

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