

Data File : VW003249.D
Acq On : 13 Jun 2018 16:58
Operator : VA/AP
Sample : VSTDIC020
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

apatel
6/14/2018 10:02:34 AM

Quant Time: Jun 14 08:05:00 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	278751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	427721	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	383928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	206976	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	58782	21.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.70%	
35) Dibromofluoromethane	7.88	113	52976	20.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.94%	
50) Toluene-d8	10.33	98	211117	21.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.04%	
62) 4-Bromofluorobenzene	12.63	95	73792	20.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.46%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	15337	18.947	ug/l	92
3) Chloromethane	2.21	50	42564	19.916	ug/l	96
4) Vinyl Chloride	2.36	62	62775	18.998	ug/l	97
5) Bromomethane	2.78	94	41406	17.315	ug/l	99
6) Chloroethane	2.92	64	44487	17.808	ug/l	98
7) Trichlorofluoromethane	3.25	101	40233	21.750	ug/l	94
8) Diethyl Ether	3.68	74	26105	17.819	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54287	21.790	ug/l	98
10) Methyl Iodide	4.26	142	79166	19.369	ug/l	97
11) Tert butyl alcohol	5.24	59	14074m	78.080	ug/l	
12) 1,1-Dichloroethene	4.03	96	50903	20.287	ug/l	99
13) Acrolein	3.90	56	24217	128.782	ug/l	97
14) Allyl chloride	4.66	41	87872	21.114	ug/l	99
15) Acrylonitrile	5.38	53	54407	95.972	ug/l	97
16) Acetone	4.14	43	58873	107.102	ug/l	99
17) Carbon Disulfide	4.37	76	149425	19.742	ug/l	99
18) Methyl Acetate	4.68	43	27133	19.175	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	93055	19.719	ug/l	100
20) Methylene Chloride	4.92	84	61491	22.112	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	56267	20.585	ug/l	86
22) Diisopropyl ether	6.31	45	174701	20.590	ug/l	96
23) Vinyl Acetate	6.26	43	500933	100.301	ug/l	99
24) 1,1-Dichloroethane	6.21	63	106044	21.208	ug/l	99
25) 2-Butanone	7.18	43	74362	98.628	ug/l	100
26) 2,2-Dichloropropane	7.17	77	71153	23.077	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	60037	19.996	ug/l	97
28) Bromochloromethane	7.51	49	39797	19.724	ug/l	99
29) Tetrahydrofuran	7.54	42	45683	93.951	ug/l	99
30) Chloroform	7.68	83	106615	20.744	ug/l	100
31) Cyclohexane	7.96	56	97363	20.620	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	88175	21.179	ug/l	99
36) 1,1-Dichloropropene	8.09	75	86208	21.446	ug/l	99
37) Ethyl Acetate	7.26	43	34746	19.668	ug/l	99
38) Carbon Tetrachloride	8.07	117	84107	21.437	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	99236	20.840	ug/l	97
40) Benzene	8.33	78	233086	20.708	ug/l	99
41) Methacrylonitrile	7.49	41	22027	21.741	ug/l	97
42) 1,2-Dichloroethane	8.40	62	71920	20.551	ug/l	100
43) Isopropyl Acetate	8.43	43	65103	19.057	ug/l	99
44) Trichloroethene	9.10	130	60722	20.045	ug/l	100
45) 1,2-Dichloropropane	9.38	63	57385	20.306	ug/l	96
46) Dibromomethane	9.46	93	30857	20.429	ug/l	98
47) Bromodichloromethane	9.65	83	76112	20.635	ug/l	99
48) Methyl methacrylate	9.44	41	31958	19.682	ug/l	97
49) 1,4-Dioxane	9.49	88	8618	368.146	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	170804	98.378	ug/l	100
52) Toluene	10.39	92	149482	20.698	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	75772	19.948	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	88647	20.517	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	41529	19.897	ug/l	96
56) Ethyl methacrylate	10.65	69	49484	19.128	ug/l	99
57) 1,3-Dichloropropane	10.94	76	73322	20.337	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	115040	97.495	ug/l	99
59) 2-Hexanone	10.98	43	118403	100.212	ug/l	100
60) Dibromochloromethane	11.13	129	49101	19.562	ug/l	99
61) 1,2-Dibromoethane	11.24	107	39554	19.668	ug/l	98
64) Tetrachloroethene	10.87	164	54069	19.887	ug/l	97
65) Chlorobenzene	11.66	112	162940	20.640	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	57315	20.814	ug/l	100
67) Ethyl Benzene	11.74	91	293969	21.057	ug/l	98
68) m/p-Xylenes	11.85	106	223440	41.864	ug/l	100
69) o-Xylene	12.17	106	102734	20.412	ug/l	100
70) Styrene	12.19	104	170900	20.335	ug/l	100
71) Bromoform	12.35	173	29274	19.893	ug/l #	100
73) Isopropylbenzene	12.47	105	291052	20.314	ug/l	100
74) N-amyl acetate	12.28	43	63517	19.237	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	47574	19.493	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	36446m	19.856	ug/l	
77) Bromobenzene	12.76	156	68494	20.278	ug/l	97
78) n-propylbenzene	12.81	91	363898	21.269	ug/l	100
79) 2-Chlorotoluene	12.90	91	203746	20.958	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	250224	20.942	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	15286	21.123	ug/l	98
82) 4-Chlorotoluene	13.00	91	216384	20.849	ug/l	99
83) tert-Butylbenzene	13.21	119	209048	19.877	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	256804	20.808	ug/l	100
85) sec-Butylbenzene	13.40	105	317067	21.224	ug/l	100
86) p-Isopropyltoluene	13.51	119	278626	20.859	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	139830	20.562	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	136816	20.144	ug/l	97
89) n-Butylbenzene	13.83	91	272233	21.538	ug/l	100
90) Hexachloroethane	14.10	117	49556	20.889	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	122719	20.267	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7949	18.962	ug/l	97

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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	86436	20.050	ug/l	99
94) Hexachlorobutadiene	15.25	225	53314	21.105	ug/l	99
95) Naphthalene	15.38	128	141598	18.571	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	76649	20.200	ug/l	98

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

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