

Data File : VW006399.D
Acq On : 26 Oct 2018 09:54
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

apatel
10/26/2018 12:17:04 PM

Quant Time: Oct 26 11:43:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	196328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	294349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	159444	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	88896	54.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.24%	
35) Dibromofluoromethane	7.88	113	91459	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
50) Toluene-d8	10.33	98	328048	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.62	95	127580	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	51482	52.990	ug/l	96
3) Chloromethane	2.21	50	71638	57.283	ug/l	98
4) Vinyl Chloride	2.37	62	99966	55.973	ug/l	99
5) Bromomethane	2.79	94	91747	56.480	ug/l	97
6) Chloroethane	2.93	64	78360	61.224	ug/l	92
7) Trichlorofluoromethane	3.26	101	88121	52.965	ug/l	97
8) Diethyl Ether	3.68	74	50872	57.533	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	95193	54.596	ug/l	99
10) Methyl Iodide	4.26	142	171537	59.109	ug/l	99
11) Tert butyl alcohol	5.23	59	33345	304.610	ug/l	100
12) 1,1-Dichloroethene	4.03	96	90692	55.287	ug/l	93
13) Acrolein	3.90	56	23757	224.282	ug/l	95
14) Allyl chloride	4.67	41	124848	53.229	ug/l	98
15) Acrylonitrile	5.37	53	105595	332.951	ug/l	100
16) Acetone	4.15	43	88343	291.781	ug/l	98
17) Carbon Disulfide	4.37	76	247413	49.975	ug/l	100
18) Methyl Acetate	4.67	43	54002	65.927	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	152976	61.228	ug/l	99
20) Methylene Chloride	4.91	84	106068	61.977	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	106455	58.141	ug/l	96
22) Diisopropyl ether	6.31	45	279273	60.253	ug/l	98
23) Vinyl Acetate	6.26	43	793568	290.112	ug/l	99
24) 1,1-Dichloroethane	6.21	63	183385	61.316	ug/l	99
25) 2-Butanone	7.18	43	136932	311.413	ug/l	99
26) 2,2-Dichloropropane	7.16	77	94313	44.711	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	123713	61.227	ug/l	97
28) Bromochloromethane	7.51	49	71871	62.246	ug/l	93
29) Tetrahydrofuran	7.54	42	87298	322.990	ug/l	98
30) Chloroform	7.68	83	201682	61.894	ug/l	99
31) Cyclohexane	7.96	56	143300	48.113	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	163895	55.759	ug/l	99
36) 1,1-Dichloropropene	8.08	75	146144	53.867	ug/l	99
37) Ethyl Acetate	7.26	43	61394	60.906	ug/l	100
38) Carbon Tetrachloride	8.07	117	154685	52.009	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	180941	50.172	ug/l	99
40) Benzene	8.32	78	438149	58.874	ug/l	99
41) Methacrylonitrile	7.49	41	35239	57.991	ug/l	91
42) 1,2-Dichloroethane	8.40	62	131442	60.115	ug/l	99
43) Isopropyl Acetate	8.43	43	120453	58.443	ug/l	99
44) Trichloroethene	9.09	130	131471	57.581	ug/l	99
45) 1,2-Dichloropropane	9.37	63	104828	58.864	ug/l	100
46) Dibromomethane	9.46	93	62309	61.388	ug/l	99
47) Bromodichloromethane	9.65	83	144070	58.545	ug/l	98
48) Methyl methacrylate	9.44	41	58396	59.774	ug/l	96
49) 1,4-Dioxane	9.48	88	21697	1388.550	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	319730	309.621	ug/l	99
52) Toluene	10.39	92	288945	57.912	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	134322	54.785	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	156418	55.588	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	89145	62.761	ug/l	99
56) Ethyl methacrylate	10.65	69	105798	60.758	ug/l	99
57) 1,3-Dichloropropane	10.93	76	143544	61.049	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	198342	298.096	ug/l	99
59) 2-Hexanone	10.97	43	216479	293.673	ug/l	97
60) Dibromochloromethane	11.13	129	105619	59.698	ug/l	99
61) 1,2-Dibromoethane	11.24	107	89001	62.711	ug/l	99
64) Tetrachloroethene	10.87	164	133340	62.338	ug/l	98
65) Chlorobenzene	11.66	112	340560	57.738	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	121951	58.178	ug/l	99
67) Ethyl Benzene	11.74	91	570376	55.798	ug/l	99
68) m/p-Xylenes	11.85	106	455432	112.722	ug/l	98
69) o-Xylene	12.17	106	218257	56.682	ug/l	99
70) Styrene	12.18	104	365067	58.303	ug/l	99
71) Bromoform	12.35	173	67644	57.856	ug/l #	99
73) Isopropylbenzene	12.47	105	599038	53.181	ug/l	100
74) N-amyl acetate	12.28	43	119898	54.802	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	104781	61.160	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	66322m	54.459	ug/l	
77) Bromobenzene	12.75	156	156601	56.760	ug/l	98
78) n-propylbenzene	12.81	91	695614	53.080	ug/l	100
79) 2-Chlorotoluene	12.90	91	401378	54.512	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	512601	53.981	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	24652	48.387	ug/l	98
82) 4-Chlorotoluene	12.99	91	424516	55.038	ug/l	99
83) tert-Butylbenzene	13.21	119	457385	53.835	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	526992	54.843	ug/l	100
85) sec-Butylbenzene	13.39	105	635709	52.964	ug/l	100
86) p-Isopropyltoluene	13.51	119	581209	53.536	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	307749	56.048	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	306423	56.049	ug/l	99
89) n-Butylbenzene	13.83	91	512752	51.644	ug/l	99
90) Hexachloroethane	14.10	117	95323	51.836	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	280421	57.255	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17240	56.204	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102718\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	204740	54.328	ug/l	100
94) Hexachlorobutadiene	15.24	225	122105	51.578	ug/l	99
95) Naphthalene	15.38	128	370430	59.089	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	183155	56.189	ug/l	99

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

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