

Data File : VW006376.D
Acq On : 25 Oct 2018 23:07
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

apatel
10/26/2018 11:51:23 AM

Quant Time: Oct 26 07:30:38 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	227150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	329584	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	301757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	172257	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	95095	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
35) Dibromofluoromethane	7.88	113	99240	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
50) Toluene-d8	10.32	98	362305	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
62) 4-Bromofluorobenzene	12.62	95	141052	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	58859	52.363	ug/l	99
3) Chloromethane	2.21	50	76940	53.174	ug/l	100
4) Vinyl Chloride	2.37	62	109594	53.037	ug/l	98
5) Bromomethane	2.79	94	99013	52.682	ug/l	99
6) Chloroethane	2.93	64	82596	55.777	ug/l	97
7) Trichlorofluoromethane	3.26	101	105696	54.908	ug/l	99
8) Diethyl Ether	3.68	74	56010	54.749	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	110554	54.802	ug/l	99
10) Methyl Iodide	4.26	142	190928	56.863	ug/l	99
11) Tert butyl alcohol	5.23	59	31051	245.165	ug/l	98
12) 1,1-Dichloroethene	4.03	96	103905	54.747	ug/l	93
13) Acrolein	3.90	56	27819	226.994	ug/l	97
14) Allyl chloride	4.67	41	144203	53.139	ug/l	99
15) Acrylonitrile	5.37	53	107862	293.951	ug/l	100
16) Acetone	4.15	43	101108	288.459	ug/l	100
17) Carbon Disulfide	4.37	76	285081	49.770	ug/l	99
18) Methyl Acetate	4.68	43	56804	59.938	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	163868	56.688	ug/l	99
20) Methylene Chloride	4.91	84	113795	57.347	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	119944	56.619	ug/l	99
22) Diisopropyl ether	6.31	45	304050	56.697	ug/l	99
23) Vinyl Acetate	6.26	43	881832	278.636	ug/l	99
24) 1,1-Dichloroethane	6.21	63	201347	58.187	ug/l	98
25) 2-Butanone	7.18	43	145321	285.647	ug/l	98
26) 2,2-Dichloropropane	7.17	77	123527	50.614	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	137329	58.744	ug/l	98
28) Bromochloromethane	7.51	49	80331	60.133	ug/l	95
29) Tetrahydrofuran	7.54	42	87264	279.054	ug/l	97
30) Chloroform	7.68	83	222133	58.920	ug/l	98
31) Cyclohexane	7.95	56	170582	49.501	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	187810	55.225	ug/l	99
36) 1,1-Dichloropropene	8.09	75	167856	55.255	ug/l	99
37) Ethyl Acetate	7.26	43	63871	56.589	ug/l	99
38) Carbon Tetrachloride	8.07	117	177504	53.301	ug/l	97

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	215280	53.312	ug/l	99
40) Benzene	8.32	78	478540	57.427	ug/l	99
41) Methacrylonitrile	7.49	41	36531	53.690	ug/l	92
42) 1,2-Dichloroethane	8.40	62	142652	58.267	ug/l	99
43) Isopropyl Acetate	8.43	43	126864	54.973	ug/l	99
44) Trichloroethene	9.09	130	146113	57.152	ug/l	99
45) 1,2-Dichloropropane	9.37	63	113892	57.116	ug/l	99
46) Dibromomethane	9.46	93	66575	58.579	ug/l	98
47) Bromodichloromethane	9.65	83	156772	56.896	ug/l	99
48) Methyl methacrylate	9.44	41	61223	55.968	ug/l	94
49) 1,4-Dioxane	9.48	88	20434	1167.916	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	327740	283.448	ug/l	98
52) Toluene	10.39	92	319327	57.159	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	154487	56.274	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	176500	56.019	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	94056	59.139	ug/l	98
56) Ethyl methacrylate	10.65	69	113538	58.233	ug/l	97
57) 1,3-Dichloropropane	10.93	76	154124	58.541	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	199350	267.581	ug/l	98
59) 2-Hexanone	10.97	43	226313	274.192	ug/l	97
60) Dibromochloromethane	11.13	129	114026	57.559	ug/l	99
61) 1,2-Dibromoethane	11.24	107	94441	59.430	ug/l	100
64) Tetrachloroethene	10.87	164	133065	56.803	ug/l	99
65) Chlorobenzene	11.66	112	375445	58.121	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	133495	58.151	ug/l	99
67) Ethyl Benzene	11.74	91	638600	57.044	ug/l	99
68) m/p-Xylenes	11.84	106	505900	114.332	ug/l	99
69) o-Xylene	12.17	106	243347	57.706	ug/l	97
70) Styrene	12.18	104	399945	58.323	ug/l	99
71) Bromoform	12.35	173	71586	55.907	ug/l	99
73) Isopropylbenzene	12.47	105	677345	55.660	ug/l	100
74) N-amyl acetate	12.28	43	124466	52.659	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	109346	59.077	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	66433m	50.492	ug/l	
77) Bromobenzene	12.75	156	171744	57.619	ug/l	98
78) n-propylbenzene	12.81	91	786684	55.564	ug/l	100
79) 2-Chlorotoluene	12.90	91	445620	56.018	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	570752	55.634	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	28387	51.574	ug/l	97
82) 4-Chlorotoluene	12.99	91	470450	56.456	ug/l	99
83) tert-Butylbenzene	13.21	119	514919	56.099	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	579832	55.854	ug/l	100
85) sec-Butylbenzene	13.39	105	719348	55.474	ug/l	100
86) p-Isopropyltoluene	13.51	119	656409	55.965	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	339004	57.148	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	336512	56.974	ug/l	99
89) n-Butylbenzene	13.83	91	588193	54.835	ug/l	99
90) Hexachloroethane	14.10	117	105888	53.299	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	303014	57.266	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18004	54.329	ug/l	95

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	230499	56.614	ug/l	100
94) Hexachlorobutadiene	15.24	225	140987	55.124	ug/l	99
95) Naphthalene	15.38	128	393244	58.062	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	202081	57.384	ug/l	100

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

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