

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004310.D
 Acq On : 29 Jul 2018 13:04
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 7/30/2018 10:32:29 AM

Quant Time: Jul 30 01:47:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 01:27:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	272913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	414151	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	370843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	199986	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	145703	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
35) Dibromofluoromethane	7.88	113	136838	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
50) Toluene-d8	10.33	98	551024	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
62) 4-Bromofluorobenzene	12.62	95	189468	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	46744	48.33	ug/l	100
3) Chloromethane	2.21	50	57767	37.74	ug/l	100
4) Vinyl Chloride	2.36	62	115140	43.71	ug/l	100
5) Bromomethane	2.78	94	78264	44.97	ug/l	100
6) Chloroethane	2.92	64	74165	44.85	ug/l	100
7) Trichlorofluoromethane	3.25	101	72369	45.92	ug/l	100
8) Diethyl Ether	3.67	74	55802	40.40	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	133441	48.82	ug/l	100
10) Methyl Iodide	4.26	142	205132	50.17	ug/l	100
11) Tert butyl alcohol	5.17	59	43763	216.68	ug/l	100
12) 1,1-Dichloroethene	4.03	96	134999	49.43	ug/l	100
13) Acrolein	3.89	56	44177	246.77	ug/l	100
14) Allyl chloride	4.67	41	232002	52.83	ug/l	100
15) Acrylonitrile	5.37	53	158093	254.90	ug/l	100
16) Acetone	4.12	43	169172	268.17	ug/l	100
17) Carbon Disulfide	4.37	76	439977	52.10	ug/l	100
18) Methyl Acetate	4.67	43	79082	48.73	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	249387	51.28	ug/l	100
20) Methylene Chloride	4.91	84	139524	47.52	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	145124	49.82	ug/l	100
22) Diisopropyl ether	6.31	45	446576	54.04	ug/l	100
23) Vinyl Acetate	6.26	43	1308252	272.87	ug/l	100
24) 1,1-Dichloroethane	6.21	63	263870	49.58	ug/l	100
25) 2-Butanone	7.18	43	209899	274.53	ug/l	100
26) 2,2-Dichloropropane	7.17	77	155947	50.51	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	153106	51.65	ug/l	100
28) Bromochloromethane	7.51	49	93127	49.93	ug/l	100
29) Tetrahydrofuran	7.53	42	133577	273.02	ug/l	100
30) Chloroform	7.68	83	260936	51.33	ug/l	100
31) Cyclohexane	7.95	56	244285	51.98	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	211891	50.75	ug/l	100
36) 1,1-Dichloropropene	8.09	75	214230	51.71	ug/l	100
37) Ethyl Acetate	7.26	43	91850	54.10	ug/l	100
38) Carbon Tetrachloride	8.07	117	201646	49.29	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	260830	52.24	ug/l	100
40) Benzene	8.32	78	603004	51.74	ug/l	100
41) Methacrylonitrile	7.49	41	55831	56.95	ug/l	100
42) 1,2-Dichloroethane	8.40	62	169085	50.74	ug/l	100
43) Isopropyl Acetate	8.43	43	168154	54.95	ug/l	100
44) Trichloroethene	9.09	130	156583	49.76	ug/l	100
45) 1,2-Dichloropropane	9.37	63	151326	52.32	ug/l	100
46) Dibromomethane	9.46	93	75339	51.01	ug/l	100
47) Bromodichloromethane	9.65	83	191832	51.21	ug/l	100
48) Methyl methacrylate	9.44	41	84379	54.14	ug/l	100
49) 1,4-Dioxane	9.45	88	22973	1026.11	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	456069	271.58	ug/l	100
52) Toluene	10.39	92	374237	51.14	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	196432	52.36	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	230136	52.62	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	108146	51.39	ug/l	100
56) Ethyl methacrylate	10.65	69	138753	54.49	ug/l	100
57) 1,3-Dichloropropane	10.93	76	185898	51.85	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	291065	257.32	ug/l	100
59) 2-Hexanone	10.98	43	315847	273.91	ug/l	100
60) Dibromochloromethane	11.13	129	125446	49.82	ug/l	100
61) 1,2-Dibromoethane	11.24	107	101829	50.75	ug/l	100
64) Tetrachloroethene	10.87	164	134047	49.34	ug/l	100
65) Chlorobenzene	11.66	112	400008	51.36	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	136182	49.57	ug/l	100
67) Ethyl Benzene	11.74	91	697333	51.36	ug/l	100
68) m/p-Xylenes	11.85	106	544674	104.26	ug/l	100
69) o-Xylene	12.17	106	255716	52.97	ug/l	100
70) Styrene	12.19	104	428342	52.52	ug/l	100
71) Bromoform	12.35	173	76638	49.78	ug/l	# 100
73) Isopropylbenzene	12.47	105	704530	50.81	ug/l	100
74) N-amyl acetate	12.28	43	157379	52.38	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	124380	51.20	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	102441m	33.61	ug/l	
77) Bromobenzene	12.76	156	169084	50.46	ug/l	100
78) n-propylbenzene	12.81	91	888120	52.57	ug/l	100
79) 2-Chlorotoluene	12.90	91	497903	51.53	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	610394	51.10	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	40588	51.74	ug/l	100
82) 4-Chlorotoluene	12.99	91	511898	50.07	ug/l	100
83) tert-Butylbenzene	13.21	119	520183	52.27	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	622598	51.10	ug/l	100
85) sec-Butylbenzene	13.39	105	769251	52.92	ug/l	100
86) p-Isopropyltoluene	13.51	119	687280	52.64	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	334729	49.91	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	328828	49.15	ug/l	100
89) n-Butylbenzene	13.84	91	638655	52.38	ug/l	100
90) Hexachloroethane	14.10	117	117819	50.60	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	299974	49.97	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20472	48.28	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	211155	50.10	ug/l	100
94) Hexachlorobutadiene	15.24	225	125243	48.63	ug/l	100
95) Naphthalene	15.38	128	373658	51.53	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	182754	49.55	ug/l	100

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

