

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090818\
 Data File : VW005226.D
 Acq On : 07 Sep 2018 23:46
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

apatel
 9/10/2018 10:41:59 AM

Quant Time: Sep 08 03:37:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090818S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 08 02:41:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	466688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	693045	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	695540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	382643	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.32	65	19906	5.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.28%	
35) Dibromofluoromethane	7.89	113	17956	4.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.02%	
50) Toluene-d8	10.33	98	87319	4.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.46%	
62) 4-Bromofluorobenzene	12.63	95	33071	5.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	21198	5.65	ug/l	93
3) Chloromethane	2.22	50	31010	5.77	ug/l	99
4) Vinyl Chloride	2.36	62	26342	5.07	ug/l	98
5) Bromomethane	2.76	94	21288	5.95	ug/l	98
6) Chloroethane	2.92	64	14916	4.67	ug/l	99
7) Trichlorofluoromethane	3.26	101	28303	4.85	ug/l	100
8) Diethyl Ether	3.68	74	10260	4.82	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.07	101	19785	4.91	ug/l	100
10) Methyl Iodide	4.28	142	11835	2.31	ug/l	100
11) Tert butyl alcohol	5.18	59	8840	31.40	ug/l	99
12) 1,1-Dichloroethene	4.04	96	17798	4.80	ug/l	89
13) Acrolein	3.90	56	6280	24.55	ug/l	94
14) Allyl chloride	4.68	41	26306	4.55	ug/l	99
15) Acrylonitrile	5.38	53	23307	25.53	ug/l	97
16) Acetone	4.13	43	18430	24.36	ug/l	94
17) Carbon Disulfide	4.38	76	61848	4.77	ug/l	99
18) Methyl Acetate	4.68	43	11618	5.15	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	42618	4.70	ug/l	98
20) Methylene Chloride	4.93	84	50474	7.98	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	22002	4.88	ug/l	97
22) Diisopropyl ether	6.32	45	54290	4.45	ug/l	95
23) Vinyl Acetate	6.27	43	146165	22.68	ug/l	100
24) 1,1-Dichloroethane	6.22	63	36197	4.76	ug/l	97
25) 2-Butanone	7.18	43	28441	21.88	ug/l	94
26) 2,2-Dichloropropane	7.18	77	30037	4.84	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	23448	4.76	ug/l	96
28) Bromochloromethane	7.52	49	14393	4.72	ug/l	99
29) Tetrahydrofuran	7.54	42	17055	24.76	ug/l	98
30) Chloroform	7.68	83	37108	4.79	ug/l	100
31) Cyclohexane	7.96	56	38289	5.10	ug/l	# 71
32) 1,1,1-Trichloroethane	7.88	97	31293	4.63	ug/l	99
36) 1,1-Dichloropropene	8.09	75	29444	4.55	ug/l	99
37) Ethyl Acetate	7.26	43	11362	4.62	ug/l	97
38) Carbon Tetrachloride	8.08	117	28666	4.67	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	35543	4.52	ug/l	97
40) Benzene	8.33	78	94029	4.74	ug/l	98
41) Methacrylonitrile	7.51	41	7786m	5.52	ug/l	
42) 1,2-Dichloroethane	8.41	62	23961	4.94	ug/l	97
43) Isopropyl Acetate	8.43	43	21711	4.83	ug/l	97
44) Trichloroethene	9.10	130	24403	4.57	ug/l	97
45) 1,2-Dichloropropane	9.38	63	22599	4.68	ug/l	98
46) Dibromomethane	9.46	93	11455	4.95	ug/l	99
47) Bromodichloromethane	9.65	83	26285	4.52	ug/l	98
48) Methyl methacrylate	9.44	41	10198	4.64	ug/l #	86
49) 1,4-Dioxane	9.45	88	4113	108.27	ug/l #	86
51) 4-Methyl-2-Pentanone	10.21	43	58800	20.22	ug/l	98
52) Toluene	10.40	92	61851	4.60	ug/l	95
53) t-1,3-Dichloropropene	10.61	75	25487	4.43	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	30677	4.41	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	18440	5.12	ug/l	95
56) Ethyl methacrylate	10.65	69	18823	4.50	ug/l	95
57) 1,3-Dichloropropane	10.94	76	29071	4.89	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	41963	21.54	ug/l	98
59) 2-Hexanone	10.98	43	39354	19.92	ug/l	98
60) Dibromochloromethane	11.13	129	18670	4.59	ug/l	96
61) 1,2-Dibromoethane	11.24	107	15587	4.77	ug/l	100
64) Tetrachloroethene	10.87	164	26310	4.84	ug/l	96
65) Chlorobenzene	11.66	112	76464	4.95	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	21913	4.65	ug/l	97
67) Ethyl Benzene	11.74	91	118567	4.55	ug/l	97
68) m/p-Xylenes	11.85	106	94190	9.04	ug/l	98
69) o-Xylene	12.17	106	43399	4.49	ug/l	99
70) Styrene	12.19	104	69416	4.36	ug/l	98
71) Bromoform	12.35	173	11609	4.60	ug/l #	99
73) Isopropylbenzene	12.47	105	114050	4.29	ug/l	98
74) N-amyl acetate	12.28	43	22357	4.74	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	20752	5.03	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	17476m	6.03	ug/l	
77) Bromobenzene	12.76	156	31022	4.72	ug/l	99
78) n-propylbenzene	12.81	91	138909	4.34	ug/l	99
79) 2-Chlorotoluene	12.90	91	84624	4.52	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	95928	4.19	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	5408	4.54	ug/l	99
82) 4-Chlorotoluene	12.99	91	89301	4.52	ug/l	99
83) tert-Butylbenzene	13.21	119	82780	4.29	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	98932	4.25	ug/l	99
85) sec-Butylbenzene	13.39	105	122670	4.35	ug/l	100
86) p-Isopropyltoluene	13.51	119	107215	4.30	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	64581	4.80	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	65325	4.88	ug/l	94
89) n-Butylbenzene	13.83	91	98102	4.26	ug/l	98
90) Hexachloroethane	14.10	117	18986	4.56	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	58155	4.94	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3615	5.53	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	35478	4.51	ug/l	99
94) Hexachlorobutadiene	15.25	225	24498	4.98	ug/l	98
95) Naphthalene	15.38	128	53357	4.28	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	31707	4.69	ug/l	99

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

