

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005888.D
 Acq On : 08 Oct 2018 11:23
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

apatel
 10/9/2018 4:12:05 PM

Quant Time: Oct 09 02:07:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 01:57:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	353454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	520591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	471057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	255558	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	65803	19.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.36%	
35) Dibromofluoromethane	7.88	113	63818	19.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.40%	
50) Toluene-d8	10.33	98	247728	19.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.74%	
62) 4-Bromofluorobenzene	12.62	95	93588	19.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	32677	18.87	ug/l	94
3) Chloromethane	2.21	50	36292	17.81	ug/l	99
4) Vinyl Chloride	2.37	62	62995	19.48	ug/l	99
5) Bromomethane	2.78	94	49493	19.39	ug/l	96
6) Chloroethane	2.93	64	40525	19.67	ug/l	99
7) Trichlorofluoromethane	3.26	101	47379	18.45	ug/l	99
8) Diethyl Ether	3.68	74	30015	19.00	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	63269	19.53	ug/l	99
10) Methyl Iodide	4.27	142	101987	19.25	ug/l	99
11) Tert butyl alcohol	5.21	59	22783	90.60	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	59683	19.18	ug/l	99
13) Acrolein	3.89	56	22552	100.64	ug/l	95
14) Allyl chloride	4.67	41	103868	19.58	ug/l	97
15) Acrylonitrile	5.37	53	65099	94.67	ug/l	99
16) Acetone	4.14	43	67633	98.68	ug/l	99
17) Carbon Disulfide	4.37	76	173165	18.41	ug/l	98
18) Methyl Acetate	4.68	43	30838	17.83	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	97148	20.07	ug/l	100
20) Methylene Chloride	4.92	84	65966	19.21	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	65260	19.24	ug/l	94
22) Diisopropyl ether	6.31	45	195099	19.67	ug/l	98
23) Vinyl Acetate	6.26	43	603790	98.90	ug/l	98
24) 1,1-Dichloroethane	6.21	63	119097	19.62	ug/l	99
25) 2-Butanone	7.18	43	95016	97.47	ug/l	99
26) 2,2-Dichloropropane	7.17	77	84658	19.82	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	73732	19.23	ug/l	98
28) Bromochloromethane	7.51	49	46770	20.87	ug/l	98
29) Tetrahydrofuran	7.54	42	57591	93.46	ug/l	98
30) Chloroform	7.68	83	121888	19.55	ug/l	100
31) Cyclohexane	7.96	56	114125	19.00	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	107055	19.28	ug/l	99
36) 1,1-Dichloropropene	8.08	75	96525	19.35	ug/l	99
37) Ethyl Acetate	7.26	43	40966	19.39	ug/l	98
38) Carbon Tetrachloride	8.07	117	102322	19.09	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	125683	19.10	ug/l	98
40) Benzene	8.33	78	264404	19.37	ug/l	99
41) Methacrylonitrile	7.49	41	24169	18.28	ug/l	96
42) 1,2-Dichloroethane	8.40	62	79076	19.17	ug/l	100
43) Isopropyl Acetate	8.43	43	85232	19.32	ug/l	100
44) Trichloroethene	9.09	130	76360	19.28	ug/l	95
45) 1,2-Dichloropropane	9.37	63	67005	19.61	ug/l	99
46) Dibromomethane	9.46	93	36241	19.30	ug/l	98
47) Bromodichloromethane	9.65	83	91954	19.46	ug/l	97
48) Methyl methacrylate	9.44	41	40092	19.07	ug/l	97
49) 1,4-Dioxane	9.46	88	11391	399.27	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	210977	98.18	ug/l	100
52) Toluene	10.39	92	172655	19.25	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	95269	19.29	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	107107	19.29	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	49466	19.01	ug/l	98
56) Ethyl methacrylate	10.65	69	67355	19.21	ug/l	100
57) 1,3-Dichloropropane	10.93	76	85055	19.43	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	142221	99.69	ug/l	99
59) 2-Hexanone	10.97	43	151500	98.33	ug/l	98
60) Dibromochloromethane	11.13	129	64107	19.10	ug/l	99
61) 1,2-Dibromoethane	11.24	107	49965	19.22	ug/l	100
64) Tetrachloroethene	10.87	164	65751	18.74	ug/l	97
65) Chlorobenzene	11.66	112	195690	19.39	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	72205	19.52	ug/l	99
67) Ethyl Benzene	11.73	91	347571	19.50	ug/l	100
68) m/p-Xylenes	11.84	106	269159	38.65	ug/l	99
69) o-Xylene	12.17	106	129006	19.35	ug/l	100
70) Styrene	12.18	104	212937	19.25	ug/l	99
71) Bromoform	12.35	173	42067	19.10	ug/l #	99
73) Isopropylbenzene	12.47	105	361594	19.37	ug/l	100
74) N-amyl acetate	12.27	43	86513	19.52	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	58956	19.27	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	45424m	11.61	ug/l	
77) Bromobenzene	12.75	156	85592	19.36	ug/l	98
78) n-propylbenzene	12.81	91	424464	19.33	ug/l	100
79) 2-Chlorotoluene	12.90	91	240457	19.40	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	307280	19.50	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	20257	18.73	ug/l	98
82) 4-Chlorotoluene	12.99	91	252303	19.35	ug/l	99
83) tert-Butylbenzene	13.21	119	275374	19.65	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	308039	19.38	ug/l	100
85) sec-Butylbenzene	13.39	105	385659	19.60	ug/l	100
86) p-Isopropyltoluene	13.51	119	344748	19.49	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	170720	19.43	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	169748	19.45	ug/l	99
89) n-Butylbenzene	13.83	91	327034	19.61	ug/l	100
90) Hexachloroethane	14.10	117	64794	19.47	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	152852	19.60	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10810	18.96	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	119083	19.69	ug/l	100
94) Hexachlorobutadiene	15.24	225	74926	19.85	ug/l	100
95) Naphthalene	15.38	128	202784	19.45	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	103477	19.76	ug/l	99

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

