

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092118\
 Data File : VW005541.D
 Acq On : 20 Sep 2018 20:36
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

apatel
 9/21/2018 4:21:43 PM

Quant Time: Sep 21 05:04:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 04:37:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	218945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	344497	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	322232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	172544	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	13227	5.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.26%	
35) Dibromofluoromethane	7.89	113	10698	5.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.74%	
50) Toluene-d8	10.33	98	41646	4.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.36%	
62) 4-Bromofluorobenzene	12.62	95	15152	4.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.32%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.02	85	9435	4.680	ug/l	97
3) Chloromethane	2.21	50	10098	4.117	ug/l	97
4) Vinyl Chloride	2.37	62	11292	4.749	ug/l	99
5) Bromomethane	2.79	94	8381	4.800	ug/l	95
6) Chloroethane	2.93	64	7827	5.524	ug/l	92
7) Trichlorofluoromethane	3.26	101	8449	2.836	ug/l	97
8) Diethyl Ether	3.68	74	6405	6.551	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	11818	6.172	ug/l	97
10) Methyl Iodide	4.26	142	17524	8.284	ug/l	99
11) Tert butyl alcohol	5.17	59	4606	28.542	ug/l #	89
12) 1,1-Dichloroethene	4.04	96	11395	6.508	ug/l	97
13) Acrolein	3.89	56	3366	31.753	ug/l	94
14) Allyl chloride	4.67	41	18271	5.659	ug/l	99
15) Acrylonitrile	5.38	53	12856	28.998	ug/l	99
16) Acetone	4.12	43	14211	37.191	ug/l	96
17) Carbon Disulfide	4.37	76	35736	5.919	ug/l	97
18) Methyl Acetate	4.68	43	7352	6.607	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	15741	3.604	ug/l	99
20) Methylene Chloride	4.92	84	18915	6.930	ug/l	91
21) trans-1,2-Dichloroethene	5.42	96	11825	5.699	ug/l	98
22) Diisopropyl ether	6.32	45	33106	5.245	ug/l	94
23) Vinyl Acetate	6.26	43	90778	25.174	ug/l	98
24) 1,1-Dichloroethane	6.22	63	23047	5.972	ug/l	98
25) 2-Butanone	7.18	43	17174	30.832	ug/l	100
26) 2,2-Dichloropropane	7.17	77	17722	5.360	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	12971	5.745	ug/l	97
28) Bromochloromethane	7.52	49	9277	6.175	ug/l #	99
29) Tetrahydrofuran	7.54	42	9820	27.582	ug/l	97
30) Chloroform	7.68	83	23250	5.804	ug/l	99
31) Cyclohexane	7.96	56	24514	6.652	ug/l #	89
32) 1,1,1-Trichloroethane	7.88	97	21106	5.768	ug/l	98
36) 1,1-Dichloropropene	8.09	75	18262	5.510	ug/l	99
37) Ethyl Acetate	7.26	43	8141	5.994	ug/l #	81
38) Carbon Tetrachloride	8.07	117	20077	5.776	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	21113	5.495	ug/l	98
40) Benzene	8.33	78	52793	5.530	ug/l	97
41) Methacrylonitrile	7.49	41	3615	4.443	ug/l #	90
42) 1,2-Dichloroethane	8.41	62	16874	5.594	ug/l	100
43) Isopropyl Acetate	8.43	43	14679	5.571	ug/l	98
44) Trichloroethene	9.10	130	13331	5.424	ug/l	100
45) 1,2-Dichloropropane	9.37	63	12989	5.651	ug/l	97
46) Dibromomethane	9.46	93	6437	5.667	ug/l	95
47) Bromodichloromethane	9.65	83	16697	5.442	ug/l	96
48) Methyl methacrylate	9.44	41	6607	5.069	ug/l	98
49) 1,4-Dioxane	9.45	88	1994	107.987	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	35628	26.437	ug/l	98
52) Toluene	10.39	92	31040	4.873	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	15977	5.200	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	17622	5.068	ug/l	93
55) 1,1,2-Trichloroethane	10.79	97	8920	5.318	ug/l #	92
56) Ethyl methacrylate	10.65	69	9383	4.468	ug/l	100
57) 1,3-Dichloropropane	10.94	76	16035	5.549	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	21619	22.638	ug/l	98
59) 2-Hexanone	10.98	43	23470	25.663	ug/l	95
60) Dibromochloromethane	11.13	129	10465	5.193	ug/l	97
61) 1,2-Dibromoethane	11.24	107	8516	5.641	ug/l	97
64) Tetrachloroethene	10.87	164	12154	5.133	ug/l	96
65) Chlorobenzene	11.66	112	35274	5.132	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.74	131	12334	5.491	ug/l	97
67) Ethyl Benzene	11.74	91	59297	4.905	ug/l	97
68) m/p-Xylenes	11.85	106	43195	9.304	ug/l	99
69) o-Xylene	12.17	106	20097	4.650	ug/l	97
70) Styrene	12.18	104	33360	4.659	ug/l	98
71) Bromoform	12.35	173	6474	5.456	ug/l #	98
73) Isopropylbenzene	12.47	105	56456	4.644	ug/l	99
74) N-amyl acetate	12.28	43	12848	4.985	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	10534	5.820	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	7359m	5.117	ug/l	
77) Bromobenzene	12.76	156	14927	5.210	ug/l	93
78) n-propylbenzene	12.81	91	68585	4.677	ug/l	99
79) 2-Chlorotoluene	12.90	91	40588	4.708	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	48178	4.556	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	3194	5.663	ug/l	99
82) 4-Chlorotoluene	12.99	91	43382	4.764	ug/l	99
83) tert-Butylbenzene	13.21	119	40781	4.636	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	48473	4.511	ug/l	96
85) sec-Butylbenzene	13.39	105	60200	4.736	ug/l	100
86) p-Isopropyltoluene	13.51	119	52347	4.603	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	30061	5.167	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	30918	5.404	ug/l	93
89) n-Butylbenzene	13.83	91	51433	4.862	ug/l	98
90) Hexachloroethane	14.10	117	10688	5.441	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	26886	5.297	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2132	6.211	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	18232	5.342	ug/l	98
94) Hexachlorobutadiene	15.25	225	12225	5.513	ug/l	98
95) Naphthalene	15.38	128	27270	4.770	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	15830	5.294	ug/l	97

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

