

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
 Data File : VW005843.D
 Acq On : 04 Oct 2018 08:21
 Operator : SY/AP
 Sample : VW1004SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBSD01

Manual Integrations
 APPROVED

apatel
 10/4/2018 2:48:14 PM

Quant Time: Oct 04 09:21:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 07:08:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	176897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	266419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	269020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	144838	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	104715	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
35) Dibromofluoromethane	7.89	113	85648	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
50) Toluene-d8	10.33	98	376271	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	
62) 4-Bromofluorobenzene	12.62	95	138623	54.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	20623	20.414	ug/l	98
3) Chloromethane	2.21	50	23945	19.670	ug/l	100
4) Vinyl Chloride	2.37	62	36436	20.440	ug/l	98
5) Bromomethane	2.78	94	24270	19.537	ug/l	97
6) Chloroethane	2.93	64	22795	20.909	ug/l	97
7) Trichlorofluoromethane	3.26	101	26409	21.542	ug/l	93
8) Diethyl Ether	3.68	74	18574	19.980	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	35580	20.985	ug/l	99
10) Methyl Iodide	4.26	142	56015	20.360	ug/l	98
11) Tert butyl alcohol	5.23	59	10278	79.204	ug/l #	82
12) 1,1-Dichloroethene	4.03	96	34109	20.531	ug/l	96
13) Acrolein	3.90	56	14224	109.096	ug/l	99
14) Allyl chloride	4.67	41	53648	19.897	ug/l	99
15) Acrylonitrile	5.38	53	35814	90.911	ug/l	99
16) Acetone	4.14	43	36350	101.495	ug/l	97
17) Carbon Disulfide	4.37	76	101299	19.284	ug/l	99
18) Methyl Acetate	4.68	43	19354	19.001	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	50917	19.522	ug/l	99
20) Methylene Chloride	4.92	84	46467	18.927	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	34582	19.071	ug/l	92
22) Diisopropyl ether	6.32	45	99420	18.789	ug/l	97
23) Vinyl Acetate	6.26	43	275611	91.691	ug/l	99
24) 1,1-Dichloroethane	6.21	63	64355	18.743	ug/l	96
25) 2-Butanone	7.18	43	45336	89.988	ug/l	99
26) 2,2-Dichloropropane	7.17	77	41057	19.151	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	37998	18.799	ug/l	99
28) Bromochloromethane	7.52	49	23243	19.166	ug/l #	100
29) Tetrahydrofuran	7.54	42	27280	87.714	ug/l	97
30) Chloroform	7.68	83	68534	18.625	ug/l	99
31) Cyclohexane	7.96	56	54419	18.540	ug/l	87
32) 1,1,1-Trichloroethane	7.87	97	62236	19.817	ug/l	100
36) 1,1-Dichloropropene	8.09	75	50640	19.122	ug/l	100
37) Ethyl Acetate	7.26	43	19540	17.729	ug/l	96
38) Carbon Tetrachloride	8.07	117	58305	19.759	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	57315	19.225	ug/l	95
40) Benzene	8.33	78	144523	18.830	ug/l	99
41) Methacrylonitrile	7.49	41	12415	18.850	ug/l	93
42) 1,2-Dichloroethane	8.40	62	49494	19.173	ug/l	99
43) Isopropyl Acetate	8.43	43	40495	18.588	ug/l	99
44) Trichloroethene	9.10	130	38456	18.958	ug/l	99
45) 1,2-Dichloropropane	9.37	63	33859	18.630	ug/l	93
46) Dibromomethane	9.46	93	18512	18.624	ug/l	98
47) Bromodichloromethane	9.65	83	49648	18.873	ug/l	98
48) Methyl methacrylate	9.44	41	18851	17.873	ug/l	95
49) 1,4-Dioxane	9.48	88	6222	400.636	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	113186	99.867	ug/l	100
52) Toluene	10.39	92	101894	20.830	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	51304	19.974	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	57369	19.949	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	28860	20.098	ug/l	99
56) Ethyl methacrylate	10.65	69	34339	19.967	ug/l	98
57) 1,3-Dichloropropane	10.94	76	50206	20.537	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	70970	100.381	ug/l	100
59) 2-Hexanone	10.98	43	75593	99.720	ug/l	99
60) Dibromochloromethane	11.13	129	36410	20.312	ug/l	99
61) 1,2-Dibromoethane	11.24	107	27441	20.573	ug/l	97
64) Tetrachloroethene	10.87	164	42056	20.028	ug/l	97
65) Chlorobenzene	11.66	112	112596	19.142	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	41414	18.995	ug/l	99
67) Ethyl Benzene	11.74	91	196360	19.495	ug/l	100
68) m/p-Xylenes	11.84	106	152282	39.236	ug/l	99
69) o-Xylene	12.17	106	71207	19.739	ug/l	99
70) Styrene	12.19	104	118331	19.338	ug/l	99
71) Bromoform	12.35	173	22718	18.928	ug/l #	100
73) Isopropylbenzene	12.47	105	200988	20.168	ug/l	99
74) N-amyl acetate	12.28	43	41069	18.936	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	33631	19.669	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	24118m	18.323	ug/l	
77) Bromobenzene	12.75	156	48525	19.722	ug/l	99
78) n-propylbenzene	12.81	91	238102	20.087	ug/l	99
79) 2-Chlorotoluene	12.90	91	140766	19.939	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	176727	20.421	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	9552	18.344	ug/l	98
82) 4-Chlorotoluene	12.99	91	147787	19.859	ug/l	99
83) tert-Butylbenzene	13.21	119	147632	20.455	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	179209	20.168	ug/l	99
85) sec-Butylbenzene	13.39	105	213342	20.477	ug/l	100
86) p-Isopropyltoluene	13.51	119	188453	20.152	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	98063	19.756	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	95803	19.345	ug/l	99
89) n-Butylbenzene	13.83	91	169999	19.738	ug/l	100
90) Hexachloroethane	14.10	117	34448	19.591	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	88489	19.829	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6584	19.917	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	60789	19.491	ug/l	99
94) Hexachlorobutadiene	15.24	225	39740	20.151	ug/l	100
95) Naphthalene	15.38	128	105180	19.132	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	55749	19.883	ug/l	100

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

