

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110218\
 Data File : VW006547.D
 Acq On : 01 Nov 2018 01:39
 Operator : SY/AP
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

apatel
 11/2/2018 3:20:12 PM

Quant Time: Nov 01 03:40:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:03:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	291864	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	418717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	392014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	216124	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	259145	106.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.12%	
35) Dibromofluoromethane	7.88	113	271883	108.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	217.18%	
50) Toluene-d8	10.33	98	1042250	109.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	218.24%	
62) 4-Bromofluorobenzene	12.62	95	377062	105.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	211.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	138434	96.967	ug/l	100
3) Chloromethane	2.22	50	171585	92.685	ug/l	98
4) Vinyl Chloride	2.37	62	234067	88.998	ug/l	100
5) Bromomethane	2.79	94	199678	83.901	ug/l	100
6) Chloroethane	2.93	64	166192	88.466	ug/l	99
7) Trichlorofluoromethane	3.26	101	228426	94.209	ug/l	96
8) Diethyl Ether	3.68	74	120150	93.405	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	232096	90.111	ug/l	99
10) Methyl Iodide	4.26	142	415106	95.808	ug/l	100
11) Tert butyl alcohol	5.24	59	70623	442.941	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	223186	91.755	ug/l	98
13) Acrolein	3.90	56	91791	572.893	ug/l	99
14) Allyl chloride	4.67	41	308015	89.650	ug/l	99
15) Acrylonitrile	5.38	53	241705	515.462	ug/l	100
16) Acetone	4.14	43	201197	390.725	ug/l	99
17) Carbon Disulfide	4.37	76	659073	90.724	ug/l	99
18) Methyl Acetate	4.68	43	122457	101.584	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	353650	95.882	ug/l	99
20) Methylene Chloride	4.91	84	246126	86.015	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	259312	95.417	ug/l	99
22) Diisopropyl ether	6.31	45	637349	93.167	ug/l	99
23) Vinyl Acetate	6.26	43	1915780	477.590	ug/l	100
24) 1,1-Dichloroethane	6.21	63	419156	94.533	ug/l	99
25) 2-Butanone	7.18	43	308318	476.902	ug/l	97
26) 2,2-Dichloropropane	7.16	77	249775	81.414	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	290624	96.607	ug/l	99
28) Bromochloromethane	7.51	49	173977	101.883	ug/l	100
29) Tetrahydrofuran	7.54	42	199359	500.847	ug/l	99
30) Chloroform	7.68	83	462131	95.264	ug/l	99
31) Cyclohexane	7.96	56	359466	82.389	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	395677	91.454	ug/l	99
36) 1,1-Dichloropropene	8.09	75	352300	91.954	ug/l	99
37) Ethyl Acetate	7.26	43	141111	99.619	ug/l	99
38) Carbon Tetrachloride	8.07	117	381187	91.392	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	463469	91.468	ug/l	99
40) Benzene	8.32	78	1015230	95.841	ug/l	100
41) Methacrylonitrile	7.49	41	80781	95.293	ug/l	95
42) 1,2-Dichloroethane	8.40	62	294735	95.324	ug/l	100
43) Isopropyl Acetate	8.43	43	283678	98.579	ug/l	97
44) Trichloroethene	9.09	130	313253	96.342	ug/l	97
45) 1,2-Dichloropropane	9.37	63	240920	95.422	ug/l	98
46) Dibromomethane	9.46	93	145159	100.588	ug/l	100
47) Bromodichloromethane	9.65	83	339866	97.472	ug/l	100
48) Methyl methacrylate	9.44	41	138023	100.903	ug/l	99
49) 1,4-Dioxane	9.48	88	43953	1991.883	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	733753	506.422	ug/l	99
52) Toluene	10.39	92	687653	96.856	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	345064	99.734	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	392081	98.510	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	207696	102.615	ug/l	98
56) Ethyl methacrylate	10.65	69	259559	105.317	ug/l	98
57) 1,3-Dichloropropane	10.93	76	335333	100.381	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	634888	648.395	ug/l	99
59) 2-Hexanone	10.98	43	504306	489.549	ug/l	99
60) Dibromochloromethane	11.13	129	259315	103.334	ug/l	100
61) 1,2-Dibromoethane	11.24	107	209842	103.818	ug/l	99
64) Tetrachloroethene	10.87	164	298292	97.267	ug/l	99
65) Chlorobenzene	11.66	112	792030	94.265	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	289970	97.404	ug/l	99
67) Ethyl Benzene	11.74	91	1342123	92.687	ug/l	100
68) m/p-Xylenes	11.84	106	1076747	187.752	ug/l	100
69) o-Xylene	12.17	106	516950	94.542	ug/l	99
70) Styrene	12.18	104	855572	96.121	ug/l	100
71) Bromoform	12.35	173	173339	105.238	ug/l #	100
73) Isopropylbenzene	12.47	105	1418551	93.601	ug/l	100
74) N-amyl acetate	12.27	43	278453	96.260	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	241217	104.621	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	153025m	91.497	ug/l	
77) Bromobenzene	12.75	156	361213	96.702	ug/l	98
78) n-propylbenzene	12.81	91	1616354	91.948	ug/l	100
79) 2-Chlorotoluene	12.90	91	920949	93.160	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1182367	92.679	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	72206	106.641	ug/l	95
82) 4-Chlorotoluene	12.99	91	976634	93.949	ug/l	99
83) tert-Butylbenzene	13.21	119	1064225	93.187	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1203594	92.953	ug/l	100
85) sec-Butylbenzene	13.39	105	1468339	91.279	ug/l	100
86) p-Isopropyltoluene	13.51	119	1343278	92.240	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	706997	95.121	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	691881	93.555	ug/l	100
89) n-Butylbenzene	13.83	91	1183723	89.127	ug/l	99
90) Hexachloroethane	14.10	117	229182	93.373	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	629776	94.964	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	40311	99.121	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	473517	92.727	ug/l	100
94) Hexachlorobutadiene	15.24	225	283739	89.020	ug/l	100
95) Naphthalene	15.38	128	857667	101.364	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	419271	94.791	ug/l	99

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

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