

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091018\
 Data File : VW005244.D
 Acq On : 10 Sep 2018 16:14
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 9/11/2018 11:09:33 AM

Quant Time: Sep 11 03:41:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:46:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	508731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	722067	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	733179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	401762	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.32	65	385143	101.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.00%	
35) Dibromofluoromethane	7.89	113	400488	105.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	211.76%	
50) Toluene-d8	10.33	98	2065729	108.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	216.16%	
62) 4-Bromofluorobenzene	12.63	95	743596	106.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	391598	89.23	ug/l	99
3) Chloromethane	2.22	50	546961	93.23	ug/l	100
4) Vinyl Chloride	2.36	62	507972	94.31	ug/l	98
5) Bromomethane	2.75	94	313331	85.50	ug/l	99
6) Chloroethane	2.91	64	282014	95.05	ug/l	100
7) Trichlorofluoromethane	3.26	101	575682	94.48	ug/l	98
8) Diethyl Ether	3.69	74	215454	99.22	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	406485	93.40	ug/l	99
10) Methyl Iodide	4.28	142	559407	116.73	ug/l	100
11) Tert butyl alcohol	5.17	59	157065	504.75	ug/l	100
12) 1,1-Dichloroethene	4.04	96	398536	99.45	ug/l	98
13) Acrolein	3.90	56	152338	506.81	ug/l	100
14) Allyl chloride	4.68	41	627526	101.91	ug/l	99
15) Acrylonitrile	5.38	53	510764	521.36	ug/l	99
16) Acetone	4.13	43	361536	513.32	ug/l	98
17) Carbon Disulfide	4.38	76	1437304	102.18	ug/l	99
18) Methyl Acetate	4.68	43	219066	104.20	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	980083	102.68	ug/l	99
20) Methylene Chloride	4.92	84	511453	85.68	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	465004	99.38	ug/l	98
22) Diisopropyl ether	6.32	45	1282745	103.48	ug/l	98
23) Vinyl Acetate	6.26	43	3598578	520.90	ug/l	100
24) 1,1-Dichloroethane	6.23	63	759454	99.53	ug/l	99
25) 2-Butanone	7.18	43	562783	506.58	ug/l	96
26) 2,2-Dichloropropane	7.18	77	613086	92.67	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	499038	99.66	ug/l	99
28) Bromochloromethane	7.52	49	278639	98.98	ug/l #	100
29) Tetrahydrofuran	7.54	42	390212	521.21	ug/l	99
30) Chloroform	7.68	83	750149	97.96	ug/l	99
31) Cyclohexane	7.96	56	754828	92.97	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	655354	94.73	ug/l	99
36) 1,1-Dichloropropene	8.09	75	645542	97.58	ug/l	100
37) Ethyl Acetate	7.26	43	254167	101.01	ug/l	100
38) Carbon Tetrachloride	8.08	117	591665	95.48	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	902150	102.71	ug/l	99
40) Benzene	8.33	78	1940708	99.58	ug/l	98
41) Methacrylonitrile	7.49	41	140873	109.12	ug/l	97
42) 1,2-Dichloroethane	8.41	62	453608	97.29	ug/l	99
43) Isopropyl Acetate	8.43	43	482699	103.30	ug/l	98
44) Trichloroethene	9.10	130	525746	98.33	ug/l	100
45) 1,2-Dichloropropane	9.38	63	464508	99.16	ug/l	99
46) Dibromomethane	9.46	93	228769	99.77	ug/l	98
47) Bromodichloromethane	9.65	83	552829	98.56	ug/l	100
48) Methyl methacrylate	9.44	41	270771	111.60	ug/l	99
49) 1,4-Dioxane	9.45	88	87091	2034.27	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	1439085	547.28	ug/l	100
52) Toluene	10.40	92	1447088	102.16	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	654500	107.97	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	758441	104.48	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	367918	100.63	ug/l	99
56) Ethyl methacrylate	10.65	69	524590	113.18	ug/l	99
57) 1,3-Dichloropropane	10.94	76	627864	103.42	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	1113134	552.53	ug/l	99
59) 2-Hexanone	10.98	43	1041006	549.15	ug/l	100
60) Dibromochloromethane	11.13	129	429364	105.84	ug/l	99
61) 1,2-Dibromoethane	11.24	107	346074	103.22	ug/l	99
64) Tetrachloroethene	10.87	164	534202	98.21	ug/l	99
65) Chlorobenzene	11.66	112	1580668	98.42	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	480166	100.13	ug/l	99
67) Ethyl Benzene	11.74	91	2852754	101.99	ug/l	100
68) m/p-Xylenes	11.85	106	2278045	202.11	ug/l	98
69) o-Xylene	12.18	106	1077243	102.73	ug/l	99
70) Styrene	12.19	104	1786727	104.42	ug/l	100
71) Bromoform	12.35	173	272435	104.78	ug/l #	99
73) Isopropylbenzene	12.47	105	2895335	102.00	ug/l	100
74) N-amyl acetate	12.28	43	588461	108.96	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	429754	100.74	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	310010m	59.41	ug/l	
77) Bromobenzene	12.76	156	666120	99.61	ug/l	98
78) n-propylbenzene	12.81	91	3432816	100.69	ug/l	99
79) 2-Chlorotoluene	12.90	91	1951939	99.84	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	2487260	102.90	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	142681	108.29	ug/l	99
82) 4-Chlorotoluene	13.00	91	2048608	99.69	ug/l	100
83) tert-Butylbenzene	13.21	119	2153535	101.87	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	2528461	104.10	ug/l	98
85) sec-Butylbenzene	13.40	105	3087490	101.62	ug/l	99
86) p-Isopropyltoluene	13.51	119	2760348	102.63	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	1371130	97.64	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	1333870	96.71	ug/l	100
89) n-Butylbenzene	13.83	91	2684036	106.16	ug/l	98
90) Hexachloroethane	14.10	117	443685	102.96	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	1224857	99.24	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	73129	103.08	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	909037	104.12	ug/l	99
94) Hexachlorobutadiene	15.25	225	550682	98.50	ug/l	100
95) Naphthalene	15.38	128	1587186	112.12	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	779312	103.73	ug/l	99

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

