

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
 Data File : VW005837.D
 Acq On : 04 Oct 2018 04:55
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

apatel
 10/4/2018 2:47:11 PM

Quant Time: Oct 04 06:51:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 05:22:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	192377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	291379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	276080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	148056	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	173385	75.98	ug/l	0.00
Spiked Amount			Recovery	=	151.96%	
35) Dibromofluoromethane	7.89	113	142184	77.04	ug/l	0.00
Spiked Amount			Recovery	=	154.08%	
50) Toluene-d8	10.33	98	569900	76.27	ug/l	0.00
Spiked Amount			Recovery	=	152.54%	
62) 4-Bromofluorobenzene	12.62	95	215295	77.67	ug/l	0.00
Spiked Amount			Recovery	=	155.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	85580	66.555	ug/l	92
3) Chloromethane	2.21	50	95024	62.507	ug/l	100
4) Vinyl Chloride	2.37	62	141212	75.459	ug/l	99
5) Bromomethane	2.79	94	97311	76.626	ug/l	98
6) Chloroethane	2.93	64	89321	74.486	ug/l	96
7) Trichlorofluoromethane	3.26	101	102173	70.999	ug/l	99
8) Diethyl Ether	3.68	74	74859	77.344	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	133604	72.508	ug/l	99
10) Methyl Iodide	4.27	142	225801	78.745	ug/l	99
11) Tert butyl alcohol	5.22	59	49199	372.821	ug/l	99
12) 1,1-Dichloroethene	4.04	96	131819	74.224	ug/l	96
13) Acrolein	3.90	56	54897	536.494	ug/l	97
14) Allyl chloride	4.67	41	225290	73.663	ug/l	100
15) Acrylonitrile	5.38	53	167833	391.592	ug/l	99
16) Acetone	4.14	43	139552	342.090	ug/l	99
17) Carbon Disulfide	4.38	76	436227	77.961	ug/l	100
18) Methyl Acetate	4.68	43	85024	77.350	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	228486	82.391	ug/l	96
20) Methylene Chloride	4.91	84	157716	68.361	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	151263	77.775	ug/l	99
22) Diisopropyl ether	6.32	45	455403	76.437	ug/l	99
23) Vinyl Acetate	6.26	43	1349566	394.226	ug/l	99
24) 1,1-Dichloroethane	6.22	63	278023	75.152	ug/l	99
25) 2-Butanone	7.18	43	209959	375.067	ug/l	99
26) 2,2-Dichloropropane	7.17	77	164745	65.051	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	165004	77.095	ug/l	98
28) Bromochloromethane	7.52	49	92252	64.136	ug/l	99
29) Tetrahydrofuran	7.54	42	136910	390.666	ug/l	100
30) Chloroform	7.68	83	293212	76.428	ug/l	99
31) Cyclohexane	7.96	56	233291	66.473	ug/l	93
32) 1,1,1-Trichloroethane	7.88	97	253305	75.141	ug/l	99
36) 1,1-Dichloropropene	8.09	75	218797	74.077	ug/l	100
37) Ethyl Acetate	7.26	43	95561	76.341	ug/l	99
38) Carbon Tetrachloride	8.07	117	239028	75.437	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	262399	75.561	ug/l	98
40) Benzene	8.33	78	635314	75.654	ug/l	99
41) Methacrylonitrile	7.49	41	54926	75.861	ug/l #	87
42) 1,2-Dichloroethane	8.40	62	212828	78.227	ug/l	100
43) Isopropyl Acetate	8.43	43	190089	76.820	ug/l	99
44) Trichloroethene	9.10	130	163418	75.770	ug/l	100
45) 1,2-Dichloropropane	9.37	63	152529	74.567	ug/l	98
46) Dibromomethane	9.46	93	81358	77.987	ug/l	99
47) Bromodichloromethane	9.65	83	218501	78.595	ug/l	99
48) Methyl methacrylate	9.44	41	96274	81.805	ug/l	99
49) 1,4-Dioxane	9.48	88	27582	1656.449	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	501044	400.667	ug/l	99
52) Toluene	10.39	92	407980	77.683	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	219596	78.862	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	243772	78.228	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	117838	79.384	ug/l	98
56) Ethyl methacrylate	10.65	69	157063	85.777	ug/l	99
57) 1,3-Dichloropropane	10.94	76	205747	78.613	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	315652	387.920	ug/l	99
59) 2-Hexanone	10.98	43	345299	407.424	ug/l	99
60) Dibromochloromethane	11.13	129	149073	82.458	ug/l	96
61) 1,2-Dibromoethane	11.24	107	113871	82.101	ug/l	98
64) Tetrachloroethene	10.87	164	157411	78.710	ug/l	98
65) Chlorobenzene	11.66	112	447581	75.735	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	167758	78.333	ug/l	99
67) Ethyl Benzene	11.74	91	804072	76.871	ug/l	99
68) m/p-Xylenes	11.85	106	612648	154.498	ug/l	98
69) o-Xylene	12.17	106	292645	78.869	ug/l	99
70) Styrene	12.19	104	493919	79.112	ug/l	100
71) Bromoform	12.35	173	94623	82.328	ug/l #	100
73) Isopropylbenzene	12.47	105	807558	78.561	ug/l	100
74) N-amyl acetate	12.28	43	185960	79.669	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	137443	79.471	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	98596m	76.813	ug/l	
77) Bromobenzene	12.76	156	194711	79.972	ug/l	100
78) n-propylbenzene	12.81	91	951547	76.666	ug/l	99
79) 2-Chlorotoluene	12.90	91	564085	78.204	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	697328	77.956	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	44002	78.043	ug/l	100
82) 4-Chlorotoluene	12.99	91	587854	77.260	ug/l	99
83) tert-Butylbenzene	13.21	119	586349	78.085	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	713888	78.934	ug/l	100
85) sec-Butylbenzene	13.39	105	816065	75.125	ug/l	99
86) p-Isopropyltoluene	13.51	119	752336	77.036	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	377145	75.940	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	373808	75.779	ug/l	99
89) n-Butylbenzene	13.83	91	687841	75.112	ug/l	100
90) Hexachloroethane	14.10	117	133668	75.475	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	345228	78.443	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	26857	80.647	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	248050	79.398	ug/l	99
94) Hexachlorobutadiene	15.24	225	148744	73.888	ug/l	98
95) Naphthalene	15.38	128	469861	88.344	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	223980	80.908	ug/l	100

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

