

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004308.D
 Acq On : 29 Jul 2018 12:12
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

apatel
 7/30/2018 10:32:22 AM

Quant Time: Jul 30 01:42:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 01:27:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	201667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	291455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	261913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	141369	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	18949	9.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.62%	
35) Dibromofluoromethane	7.88	113	17613	9.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.12%	
50) Toluene-d8	10.33	98	67829	9.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.64%	
62) 4-Bromofluorobenzene	12.63	95	24337	9.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	8604	12.04	ug/l	98
3) Chloromethane	2.21	50	15495	13.70	ug/l	94
4) Vinyl Chloride	2.36	62	26624	13.68	ug/l	98
5) Bromomethane	2.78	94	15697	12.21	ug/l	99
6) Chloroethane	2.92	64	14172	11.60	ug/l	93
7) Trichlorofluoromethane	3.25	101	14941	12.83	ug/l	93
8) Diethyl Ether	3.68	74	12791	12.53	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	19522	9.67	ug/l	97
10) Methyl Iodide	4.26	142	27946	9.25	ug/l	99
11) Tert butyl alcohol	5.17	59	6020	40.34	ug/l #	93
12) 1,1-Dichloroethene	4.03	96	18226	9.03	ug/l	89
13) Acrolein	3.89	56	5458	41.26	ug/l	99
14) Allyl chloride	4.66	41	25464	7.85	ug/l	93
15) Acrylonitrile	5.37	53	18714	40.83	ug/l	99
16) Acetone	4.12	43	19112	41.00	ug/l	100
17) Carbon Disulfide	4.37	76	56298	9.02	ug/l	98
18) Methyl Acetate	4.67	43	8227	6.86	ug/l #	90
19) Methyl tert-butyl Ether	5.43	73	31276	8.70	ug/l	96
20) Methylene Chloride	4.91	84	19646	9.06	ug/l	91
21) trans-1,2-Dichloroethene	5.42	96	19107	8.88	ug/l	96
22) Diisopropyl ether	6.31	45	49547	8.11	ug/l #	92
23) Vinyl Acetate	6.26	43	138734	39.16	ug/l	95
24) 1,1-Dichloroethane	6.21	63	33263	8.46	ug/l	98
25) 2-Butanone	7.18	43	23170	41.01	ug/l	90
26) 1,2-Dichloropropane	7.17	77	23385	10.25	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	20664	9.43	ug/l	96
28) Bromochloromethane	7.51	49	12233	8.88	ug/l #	82
29) Tetrahydrofuran	7.53	42	14274	39.48	ug/l	93
30) Chloroform	7.68	83	36904	9.82	ug/l	98
31) Cyclohexane	7.95	56	31685	9.12	ug/l #	83
32) 1,1,1-Trichloroethane	7.87	97	30920	10.02	ug/l	98
36) 1,1-Dichloropropene	8.09	75	28824	9.89	ug/l	98
37) Ethyl Acetate	7.26	43	10030	8.39	ug/l #	93
38) Carbon Tetrachloride	8.07	117	30286	10.52	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	33258	9.47	ug/l	98
40) Benzene	8.32	78	79270	9.66	ug/l	100
41) Methacrylonitrile	7.48	41	4924	7.14	ug/l #	73
42) 1,2-Dichloroethane	8.40	62	24263	10.35	ug/l	100
43) Isopropyl Acetate	8.43	43	19667	9.13	ug/l	98
44) Trichloroethene	9.09	130	22810	10.30	ug/l	91
45) 1,2-Dichloropropane	9.37	63	18640	9.16	ug/l	89
46) Dibromomethane	9.46	93	10087	9.71	ug/l	95
47) Bromodichloromethane	9.65	83	25633	9.72	ug/l	97
48) Methyl methacrylate	9.44	41	9118	8.31	ug/l #	89
49) 1,4-Dioxane	9.45	88	2716	172.38	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	50180	42.46	ug/l	100
52) Toluene	10.39	92	50233	9.75	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	24608	9.32	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	28808	9.36	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	14384	9.71	ug/l	94
56) Ethyl methacrylate	10.65	69	15387	8.59	ug/l	97
57) 1,3-Dichloropropane	10.93	76	23398	9.27	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	35120	44.12	ug/l	96
59) 2-Hexanone	10.97	43	33767	41.61	ug/l	100
60) Dibromochloromethane	11.13	129	17964	10.14	ug/l	98
61) 1,2-Dibromoethane	11.24	107	13602	9.63	ug/l	98
64) Tetrachloroethene	10.87	164	19806	10.32	ug/l	98
65) Chlorobenzene	11.66	112	54500	9.91	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	20094	10.36	ug/l	96
67) Ethyl Benzene	11.74	91	92844	9.68	ug/l	96
68) m/p-Xylenes	11.85	106	72162	19.56	ug/l	100
69) o-Xylene	12.17	106	32783	9.62	ug/l	98
70) Styrene	12.19	104	55332	9.61	ug/l	99
71) Bromoform	12.35	173	10715	9.85	ug/l #	99
73) Isopropylbenzene	12.47	105	93153	9.50	ug/l	98
74) N-amyl acetate	12.28	43	16987	8.00	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	16043	9.34	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	13093m	6.08	ug/l	
77) Bromobenzene	12.76	156	23538	9.94	ug/l	89
78) n-propylbenzene	12.81	91	113065	9.47	ug/l	97
79) 2-Chlorotoluene	12.90	91	65552	9.60	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	82921	9.82	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	4826	8.70	ug/l	90
82) 4-Chlorotoluene	12.99	91	72469	10.03	ug/l	97
83) tert-Butylbenzene	13.21	119	70850	10.07	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	83000	9.64	ug/l	100
85) sec-Butylbenzene	13.39	105	99342	9.67	ug/l	96
86) p-Isopropyltoluene	13.51	119	91301	9.89	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	47790	10.08	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	49705	10.51	ug/l	98
89) n-Butylbenzene	13.83	91	81889	9.50	ug/l	99
90) Hexachloroethane	14.10	117	16616	10.09	ug/l	93
91) 1,2-Dichlorobenzene	13.88	146	42714	10.07	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2947	9.83	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	30884	10.37	ug/l	99
94) Hexachlorobutadiene	15.24	225	20429	11.22	ug/l	97
95) Naphthalene	15.38	128	48249	9.41	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	27469	10.54	ug/l	97

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

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