

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102918\
 Data File : VW006425.D
 Acq On : 27 Oct 2018 02:15
 Operator : SY/AP
 Sample : VW1029SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBS01

Manual Integrations
 APPROVED

apatel
 10/29/2018 10:03:53 AM

Quant Time: Oct 27 04:59:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	208675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	303848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	156510	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	84451	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
35) Dibromofluoromethane	7.88	113	89613	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	10.32	98	329305	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
62) 4-Bromofluorobenzene	12.62	95	124267	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	18822	18.227	ug/l	96
3) Chloromethane	2.21	50	27710	20.846	ug/l	99
4) Vinyl Chloride	2.37	62	39560	20.840	ug/l	98
5) Bromomethane	2.79	94	36107	20.912	ug/l	97
6) Chloroethane	2.93	64	31187	22.925	ug/l	98
7) Trichlorofluoromethane	3.26	101	36715	20.762	ug/l	95
8) Diethyl Ether	3.68	74	19378	20.619	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40001	21.584	ug/l	99
10) Methyl Iodide	4.27	142	67189	21.782	ug/l	98
11) Tert butyl alcohol	5.24	59	11891	102.198	ug/l #	71
12) 1,1-Dichloroethene	4.03	96	37746	21.649	ug/l	95
13) Acrolein	3.90	56	10618	94.310	ug/l	97
14) Allyl chloride	4.67	41	50378	20.208	ug/l	99
15) Acrylonitrile	5.38	53	37981	112.672	ug/l	100
16) Acetone	4.15	43	35332	99.976	ug/l	99
17) Carbon Disulfide	4.37	76	94296	17.920	ug/l	100
18) Methyl Acetate	4.67	43	19567	22.475	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	56416	21.244	ug/l	97
20) Methylene Chloride	4.90	84	44963	23.706	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	42820	22.003	ug/l	98
22) Diisopropyl ether	6.31	45	110083	22.345	ug/l	98
23) Vinyl Acetate	6.26	43	298053	102.515	ug/l	98
24) 1,1-Dichloroethane	6.21	63	73405	23.091	ug/l	99
25) 2-Butanone	7.18	43	50164	107.334	ug/l	99
26) 2,2-Dichloropropane	7.16	77	43272	19.300	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	50209	23.379	ug/l	98
28) Bromochloromethane	7.51	49	24845	20.245	ug/l	96
29) Tetrahydrofuran	7.54	42	31151	108.435	ug/l	99
30) Chloroform	7.68	83	81711	23.593	ug/l	100
31) Cyclohexane	7.95	56	62074	19.608	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	67518	21.611	ug/l	99
36) 1,1-Dichloropropene	8.08	75	61391	21.920	ug/l	100
37) Ethyl Acetate	7.26	43	22247	21.380	ug/l	99
38) Carbon Tetrachloride	8.07	117	62306	20.294	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	75764	20.351	ug/l	98
40) Benzene	8.32	78	176447	22.968	ug/l	99
41) Methacrylonitrile	7.49	41	12434	19.822	ug/l	90
42) 1,2-Dichloroethane	8.40	62	50758	22.488	ug/l	100
43) Isopropyl Acetate	8.43	43	43614	20.500	ug/l	100
44) Trichloroethene	9.09	130	53380	22.648	ug/l	96
45) 1,2-Dichloropropane	9.37	63	41711	22.690	ug/l	97
46) Dibromomethane	9.46	93	24174	23.072	ug/l	99
47) Bromodichloromethane	9.65	83	53847	21.198	ug/l	99
48) Methyl methacrylate	9.44	41	20671	20.497	ug/l	94
49) 1,4-Dioxane	9.49	88	7546	467.826	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	112915	105.926	ug/l	98
52) Toluene	10.39	92	116941	22.705	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	50821	20.080	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	60074	20.682	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	34480	23.516	ug/l	97
56) Ethyl methacrylate	10.65	69	37418	20.817	ug/l	97
57) 1,3-Dichloropropane	10.93	76	54990	22.656	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	75608	110.082	ug/l	99
59) 2-Hexanone	10.98	43	75932	99.788	ug/l	97
60) Dibromochloromethane	11.13	129	37780	20.686	ug/l	100
61) 1,2-Dibromoethane	11.24	107	33291	22.724	ug/l	98
64) Tetrachloroethene	10.87	164	50349	23.085	ug/l	98
65) Chlorobenzene	11.66	112	136827	22.750	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	45879	21.465	ug/l	99
67) Ethyl Benzene	11.73	91	231495	22.210	ug/l	99
68) m/p-Xylenes	11.84	106	181818	44.133	ug/l	99
69) o-Xylene	12.17	106	85885	21.874	ug/l	98
70) Styrene	12.18	104	140874	22.064	ug/l	99
71) Bromoform	12.35	173	22690	19.032	ug/l #	98
73) Isopropylbenzene	12.47	105	240952	21.792	ug/l	99
74) N-amyl acetate	12.28	43	40789	18.993	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	37903	22.538	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	29183m	24.412	ug/l	
77) Bromobenzene	12.75	156	61109	22.564	ug/l	98
78) n-propylbenzene	12.81	91	281868	21.912	ug/l	100
79) 2-Chlorotoluene	12.90	91	160804	22.248	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	201734	21.642	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	8450	16.897	ug/l	90
82) 4-Chlorotoluene	12.99	91	170083	22.464	ug/l	100
83) tert-Butylbenzene	13.21	119	181048	21.709	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	206656	21.910	ug/l	99
85) sec-Butylbenzene	13.39	105	254461	21.598	ug/l	100
86) p-Isopropyltoluene	13.51	119	229344	21.521	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	122516	22.731	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	121493	22.639	ug/l	99
89) n-Butylbenzene	13.83	91	209250	21.470	ug/l	99
90) Hexachloroethane	14.10	117	35266	19.537	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	108865	22.644	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5717	18.987	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	81714	22.089	ug/l	100
94) Hexachlorobutadiene	15.24	225	51092	21.986	ug/l	99
95) Naphthalene	15.38	128	130358	21.184	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	72719	22.727	ug/l	99

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

