

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080618\
 Data File : VW004476.D
 Acq On : 06 Aug 2018 18:18
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

apatel
 8/7/2018 4:48:50 PM

Quant Time: Aug 07 08:07:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:40:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	693716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1120843	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1075697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	574507	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	39977	5.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.30%	
35) Dibromofluoromethane	7.88	113	38142	5.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.68%	
50) Toluene-d8	10.33	98	136825	4.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.74%	
62) 4-Bromofluorobenzene	12.62	95	48000	4.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	24725	8.79	ug/l	97
3) Chloromethane	2.22	50	34292	7.73	ug/l	98
4) Vinyl Chloride	2.37	62	48117	6.70	ug/l	93
5) Bromomethane	2.78	94	28246	6.12	ug/l	89
6) Chloroethane	2.92	64	27571	6.15	ug/l	95
7) Trichlorofluoromethane	3.26	101	15892	4.01	ug/l	95
8) Diethyl Ether	3.68	74	23122	6.19	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	37509	5.32	ug/l	94
10) Methyl Iodide	4.27	142	57088	5.44	ug/l	97
11) Tert butyl alcohol	5.20	59	12259m	24.10	ug/l	
12) 1,1-Dichloroethene	4.04	96	40078	5.71	ug/l	94
13) Acrolein	3.90	56	13618	29.05	ug/l	95
14) Allyl chloride	4.66	41	55653	5.01	ug/l	99
15) Acrylonitrile	5.37	53	45919	28.22	ug/l	99
16) Acetone	4.14	43	53226	32.95	ug/l	97
17) Carbon Disulfide	4.37	76	122987	5.67	ug/l	100
18) Methyl Acetate	4.67	43	25643	6.07	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	46229	3.83	ug/l	96
20) Methylene Chloride	4.92	84	128101	16.41	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	42077	5.59	ug/l	88
22) Diisopropyl ether	6.32	45	101040	4.74	ug/l	92
23) Vinyl Acetate	6.26	43	288891	23.16	ug/l	99
24) 1,1-Dichloroethane	6.21	63	76932	5.59	ug/l	99
25) 2-Butanone	7.18	43	71944	34.27	ug/l	99
26) 2,2-Dichloropropane	7.16	77	45530	5.85	ug/l	93
27) cis-1,2-Dichloroethene	7.17	96	43483	5.64	ug/l	97
28) Bromochloromethane	7.51	49	34092	6.81	ug/l	100
29) Tetrahydrofuran	7.54	42	34309	26.58	ug/l	99
30) Chloroform	7.68	83	77295	5.89	ug/l	95
31) Cyclohexane	7.96	56	75254	6.16	ug/l	# 79
32) 1,1,1-Trichloroethane	7.88	97	57211	5.39	ug/l	97
36) 1,1-Dichloropropene	8.09	75	56915	5.02	ug/l	98
37) Ethyl Acetate	7.26	43	26144	5.56	ug/l	99
38) Carbon Tetrachloride	8.07	117	54772	4.95	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	65327	4.74	ug/l	97
40) Benzene	8.32	78	173786	5.42	ug/l	99
41) Methacrylonitrile	7.48	41	14552	5.41	ug/l	94
42) 1,2-Dichloroethane	8.40	62	48421	5.31	ug/l	98
43) Isopropyl Acetate	8.43	43	41739	4.94	ug/l	97
44) Trichloroethene	9.09	130	42723	4.99	ug/l	97
45) 1,2-Dichloropropane	9.37	63	43181	5.43	ug/l	96
46) Dibromomethane	9.46	93	21919	5.38	ug/l	98
47) Bromodichloromethane	9.65	83	52390	5.14	ug/l	100
48) Methyl methacrylate	9.44	41	17754	4.16	ug/l #	90
49) 1,4-Dioxane	9.47	88	6019	97.26	ug/l #	90
51) 4-Methyl-2-Pentanone	10.21	43	137628	28.00	ug/l	97
52) Toluene	10.39	92	96927	4.85	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	47643	4.67	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	55356	4.65	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	31563	5.46	ug/l	98
56) Ethyl methacrylate	10.65	69	29740	4.23	ug/l	99
57) 1,3-Dichloropropane	10.94	76	53501	5.41	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	65554	20.37	ug/l	99
59) 2-Hexanone	10.98	43	92331	27.45	ug/l	95
60) Dibromochloromethane	11.13	129	32605	4.75	ug/l	96
61) 1,2-Dibromoethane	11.24	107	28646	5.18	ug/l	98
64) Tetrachloroethene	10.87	164	36638	4.68	ug/l	98
65) Chlorobenzene	11.66	112	116011	5.12	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	38104	4.76	ug/l	100
67) Ethyl Benzene	11.74	91	175885	4.44	ug/l	99
68) m/p-Xylenes	11.85	106	133465	8.77	ug/l	99
69) o-Xylene	12.17	106	60158	4.28	ug/l	100
70) Styrene	12.19	104	98075	4.11	ug/l	100
71) Bromoform	12.35	173	20229	4.52	ug/l #	98
73) Isopropylbenzene	12.47	105	164914	4.12	ug/l	100
74) N-amyl acetate	12.28	43	36711	4.17	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	39563	5.51	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	31811m	6.13	ug/l	
77) Bromobenzene	12.76	156	44450	4.61	ug/l	99
78) n-propylbenzene	12.81	91	204881	4.21	ug/l	100
79) 2-Chlorotoluene	12.90	91	124870	4.47	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	137003	3.97	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10589	4.63	ug/l	97
82) 4-Chlorotoluene	12.99	91	136254	4.59	ug/l	99
83) tert-Butylbenzene	13.21	119	114794	4.00	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	144311	4.09	ug/l	98
85) sec-Butylbenzene	13.39	105	179844	4.29	ug/l	99
86) p-Isopropyltoluene	13.51	119	149652	3.98	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	95006	4.90	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	98567	5.09	ug/l	95
89) n-Butylbenzene	13.83	91	153208	4.33	ug/l	97
90) Hexachloroethane	14.10	117	32148	4.79	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	84856	4.88	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6380	5.13	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	54986	4.51	ug/l	99
94) Hexachlorobutadiene	15.24	225	34777	4.69	ug/l	97
95) Naphthalene	15.38	128	85932	4.02	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	48915	4.55	ug/l	99

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

