

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091018\
 Data File : VW005241.D
 Acq On : 10 Sep 2018 14:58
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

apatel
 9/11/2018 11:09:21 AM

Quant Time: Sep 11 03:07:56 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	500022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	704625	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	713931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	394326	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	72256	19.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.74%	
35) Dibromofluoromethane	7.89	113	72910	19.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.50%	
50) Toluene-d8	10.33	98	364276	19.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.06%	
62) 4-Bromofluorobenzene	12.63	95	133003	19.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	92683	21.49	ug/l	100
3) Chloromethane	2.22	50	116550	20.21	ug/l	96
4) Vinyl Chloride	2.36	62	105976	20.02	ug/l	95
5) Bromomethane	2.75	94	70940	19.69	ug/l	98
6) Chloroethane	2.91	64	56357	19.33	ug/l	99
7) Trichlorofluoromethane	3.26	101	121204	20.24	ug/l	97
8) Diethyl Ether	3.69	74	41035	19.23	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	85375	19.96	ug/l	99
10) Methyl Iodide	4.28	142	87756	18.63	ug/l	100
11) Tert butyl alcohol	5.18	59	29233	95.58	ug/l	99
12) 1,1-Dichloroethene	4.04	96	78394	19.90	ug/l	94
13) Acrolein	3.90	56	30044	101.69	ug/l	99
14) Allyl chloride	4.68	41	115706	19.12	ug/l	99
15) Acrylonitrile	5.38	53	92032	95.58	ug/l	98
16) Acetone	4.13	43	61840	89.33	ug/l	95
17) Carbon Disulfide	4.38	76	269244	19.47	ug/l	100
18) Methyl Acetate	4.68	43	39314	19.02	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	186993	19.93	ug/l	99
20) Methylene Chloride	4.92	84	115199	19.63	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	90355	19.65	ug/l	96
22) Diisopropyl ether	6.32	45	242709	19.92	ug/l	95
23) Vinyl Acetate	6.26	43	678997	100.00	ug/l	100
24) 1,1-Dichloroethane	6.23	63	149871	19.98	ug/l	98
25) 2-Butanone	7.18	43	105478	96.60	ug/l	97
26) 2,2-Dichloropropane	7.17	77	130259	20.03	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	97561	19.82	ug/l	99
28) Bromochloromethane	7.52	49	54037	19.53	ug/l #	99
29) Tetrahydrofuran	7.54	42	71696	97.43	ug/l	99
30) Chloroform	7.68	83	151006	20.06	ug/l	100
31) Cyclohexane	7.96	56	159913	20.04	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	135505	19.93	ug/l	100
36) 1,1-Dichloropropene	8.09	75	133708	20.71	ug/l	99
37) Ethyl Acetate	7.26	43	49326	20.09	ug/l	98
38) Carbon Tetrachloride	8.07	117	123096	20.36	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	171047	19.96	ug/l	99
40) Benzene	8.33	78	382165	20.09	ug/l	98
41) Methacrylonitrile	7.49	41	25227	20.03	ug/l #	91
42) 1,2-Dichloroethane	8.41	62	92513	20.33	ug/l	100
43) Isopropyl Acetate	8.43	43	88015	19.30	ug/l	97
44) Trichloroethene	9.10	130	108014	20.70	ug/l	97
45) 1,2-Dichloropropane	9.38	63	94485	20.67	ug/l	99
46) Dibromomethane	9.46	93	44831	20.03	ug/l	100
47) Bromodichloromethane	9.65	83	112267	20.51	ug/l	95
48) Methyl methacrylate	9.45	41	47347	20.00	ug/l	99
49) 1,4-Dioxane	9.45	88	16624	397.92	ug/l	96
51) 4-Methyl-2-Pentanone	10.22	43	250756	97.72	ug/l	99
52) Toluene	10.40	92	275203	19.91	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	118758	20.08	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	144121	20.34	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	72623	20.36	ug/l	98
56) Ethyl methacrylate	10.65	69	87244	19.29	ug/l	97
57) 1,3-Dichloropropane	10.94	76	120327	20.31	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	202766	103.14	ug/l	100
59) 2-Hexanone	10.98	43	180863	97.77	ug/l	99
60) Dibromochloromethane	11.13	129	80138	20.24	ug/l	99
61) 1,2-Dibromoethane	11.24	107	64914	19.84	ug/l	99
64) Tetrachloroethene	10.87	164	104886	19.80	ug/l	96
65) Chlorobenzene	11.66	112	310037	19.82	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	92460	19.80	ug/l	99
67) Ethyl Benzene	11.74	91	533115	19.57	ug/l	99
68) m/p-Xylenes	11.85	106	436115	39.74	ug/l	99
69) o-Xylene	12.18	106	200777	19.66	ug/l	99
70) Styrene	12.19	104	331027	19.87	ug/l	99
71) Bromoform	12.35	173	48969	19.34	ug/l	99
73) Isopropylbenzene	12.47	105	542830	19.48	ug/l	100
74) N-amyl acetate	12.28	43	99111	18.70	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	81366	19.43	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	57156m	11.16	ug/l	
77) Bromobenzene	12.76	156	128991	19.65	ug/l	99
78) n-propylbenzene	12.81	91	662959	19.81	ug/l	99
79) 2-Chlorotoluene	12.90	91	376291	19.61	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	469368	19.78	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	23532	18.20	ug/l	96
82) 4-Chlorotoluene	13.00	91	398631	19.76	ug/l	100
83) tert-Butylbenzene	13.21	119	409458	19.73	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	476699	20.00	ug/l	99
85) sec-Butylbenzene	13.40	105	588056	19.72	ug/l	99
86) p-Isopropyltoluene	13.51	119	528073	20.00	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	270625	19.64	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	268772	19.85	ug/l	99
89) n-Butylbenzene	13.83	91	483251	19.47	ug/l	99
90) Hexachloroethane	14.10	117	80842	19.11	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	240004	19.81	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12919	18.55	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	164011	19.14	ug/l	99
94) Hexachlorobutadiene	15.25	225	107036	19.51	ug/l	99
95) Naphthalene	15.38	128	255848	18.41	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	142295	19.30	ug/l	99

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

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