

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX081418\
 Data File : VX004028.D
 Acq On : 14 Aug 2018 13:44
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX081418

Manual Integrations
 APPROVED

MMDadoda
 8/28/2018 5:39:59 PM

Quant Time: Aug 28 17:28:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	289345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	447855	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	439292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	275999	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	221963	54.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.90%	
35) Dibromofluoromethane	5.50	113	181516	54.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.30%	
50) Toluene-d8	8.71	98	699989	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
62) 4-Bromofluorobenzene	11.14	95	269835	54.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	125065	44.40	ug/l	99
3) Chloromethane	1.32	50	180137	52.12	ug/l	99
4) Vinyl Chloride	1.40	62	174946	46.78	ug/l	99
5) Bromomethane	1.64	94	110670	58.43	ug/l	100
6) Chloroethane	1.72	64	125639	51.11	ug/l	99
7) Trichlorofluoromethane	1.93	101	231821	44.19	ug/l	100
8) Diethyl Ether	2.18	74	122804	53.62	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	139618	42.66	ug/l	99
10) Methyl Iodide	2.51	142	168086	48.28	ug/l	99
11) Tert butyl alcohol	3.04	59	229667	279.76	ug/l	100
12) 1,1-Dichloroethene	2.37	96	144009	47.31	ug/l	96
13) Acrolein	2.29	56	148059	265.13	ug/l	100
14) Allyl chloride	2.73	41	290113	50.09	ug/l	97
15) Acrylonitrile	3.14	53	553938	270.63	ug/l	100
16) Acetone	2.43	43	527520	248.88	ug/l	99
17) Carbon Disulfide	2.57	76	413600	47.91	ug/l	100
18) Methyl Acetate	2.77	43	237928	50.51	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	599631	55.91	ug/l	99
20) Methylene Chloride	2.86	84	187252	54.10	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	174162	50.38	ug/l	99
22) Diisopropyl ether	3.86	45	592359	52.19	ug/l	95
23) Vinyl Acetate	3.82	43	2574016	276.14	ug/l	100
24) 1,1-Dichloroethane	3.70	63	333769	51.92	ug/l	100
25) 2-Butanone	4.70	43	866109	251.14	ug/l	99
26) 2,2-Dichloropropane	4.58	77	238565	46.68	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	199570	51.34	ug/l	98
28) Bromochloromethane	5.02	49	158979	53.90	ug/l	99
29) Tetrahydrofuran	5.15	42	445110	252.62	ug/l	98
30) Chloroform	5.21	83	320229	51.04	ug/l	98
31) Cyclohexane	5.57	56	241007	42.77	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	256045	48.84	ug/l	99
36) 1,1-Dichloropropene	5.79	75	230572	45.24	ug/l	100
37) Ethyl Acetate	4.85	43	271465	48.92	ug/l	100
38) Carbon Tetrachloride	5.78	117	218773	44.18	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	235941	40.81	ug/l	98
40) Benzene	6.14	78	746518	48.78	ug/l	99
41) Methacrylonitrile	5.06	41	148855	47.89	ug/l	100
42) 1,2-Dichloroethane	6.20	62	266345	49.72	ug/l	100
43) Isopropyl Acetate	6.46	43	433650	53.01	ug/l	100
44) Trichloroethene	7.21	130	194576	46.84	ug/l	94
45) 1,2-Dichloropropane	7.52	63	195125	49.81	ug/l	99
46) Dibromomethane	7.66	93	129702	50.66	ug/l	99
47) Bromodichloromethane	7.90	83	246499	50.84	ug/l	99
48) Methyl methacrylate	7.77	41	224735	54.58	ug/l	99
49) 1,4-Dioxane	7.76	88	97212	1048.55	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1762232	262.73	ug/l	100
52) Toluene	8.79	92	483063	49.91	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	290961	55.55	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	311491	53.70	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	200652	50.21	ug/l	99
56) Ethyl methacrylate	9.18	69	304742	56.07	ug/l	99
57) 1,3-Dichloropropane	9.37	76	341040	51.43	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	794226	286.99	ug/l	99
59) 2-Hexanone	9.50	43	1340923	265.63	ug/l	100
60) Dibromochloromethane	9.59	129	202411	52.63	ug/l	100
61) 1,2-Dibromoethane	9.67	107	212100	52.06	ug/l	100
64) Tetrachloroethene	9.34	164	181497	43.59	ug/l	96
65) Chlorobenzene	10.14	112	551699	48.62	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	194291	50.20	ug/l	98
67) Ethyl Benzene	10.25	91	902059	50.20	ug/l	97
68) m/p-Xylenes	10.36	106	721247	102.50	ug/l	97
69) o-Xylene	10.70	106	351589	52.28	ug/l	97
70) Styrene	10.71	104	600738	53.08	ug/l	98
71) Bromoform	10.86	173	157788	51.41	ug/l	97
73) Isopropylbenzene	11.02	105	890864	47.70	ug/l	97
74) N-amyl acetate	6.46	43	433650	49.36	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	310960	47.67	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	286638m	51.79	ug/l	
77) Bromobenzene	11.26	156	253899	49.31	ug/l	100
78) n-propylbenzene	11.36	91	1033647	49.45	ug/l	100
79) 2-Chlorotoluene	11.42	91	628122	49.31	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	751562	49.14	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	93890	52.51	ug/l	98
82) 4-Chlorotoluene	11.51	91	752599	49.98	ug/l	99
83) tert-Butylbenzene	11.77	119	739634	47.97	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	802630	50.67	ug/l	99
85) sec-Butylbenzene	11.94	105	837540	46.41	ug/l	99
86) p-Isopropyltoluene	12.07	119	787636	48.21	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	470403	47.90	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	484445	47.93	ug/l	99
89) n-Butylbenzene	12.39	91	646247	50.20	ug/l	99
90) Hexachloroethane	12.60	117	108301	44.30	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	461639	52.13	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	56772	49.52	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	292389	48.30	ug/l	99
94) Hexachlorobutadiene	13.79	225	122131	40.25	ug/l	98
95) Naphthalene	13.83	128	1012998	52.44	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	313493	47.49	ug/l	100

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

