

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032319\
 Data File : VX008348.D
 Acq On : 23 Mar 2019 13:56
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:16:42 AM

Quant Time: Mar 23 15:02:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 14:52:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	206661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	362255	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	316727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142025	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	63655	20.45	ug/l	0.00
Spiked Amount			Recovery	=	40.90%	
35) Dibromofluoromethane	5.50	113	46624	19.23	ug/l	0.00
Spiked Amount			Recovery	=	38.46%	
50) Toluene-d8	8.71	98	181612	19.75	ug/l	0.00
Spiked Amount			Recovery	=	39.50%	
62) 4-Bromofluorobenzene	11.13	95	64157	20.27	ug/l	0.00
Spiked Amount			Recovery	=	40.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	46930	18.730	ug/l	100
3) Chloromethane	1.32	50	68828	21.892	ug/l	99
4) Vinyl Chloride	1.40	62	68464	21.841	ug/l	100
5) Bromomethane	1.64	94	41529	15.553	ug/l	97
6) Chloroethane	1.72	64	39016	19.851	ug/l	100
7) Trichlorofluoromethane	1.93	101	76923	19.229	ug/l	100
8) Diethyl Ether	2.18	74	37132	18.041	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	45564	17.155	ug/l	89
10) Methyl Iodide	2.51	142	55704	16.471	ug/l	97
11) Tert butyl alcohol	3.04	59	70356	105.591	ug/l	99
12) 1,1-Dichloroethene	2.37	96	47015	18.750	ug/l	91
13) Acrolein	2.29	56	60151	118.440	ug/l	100
14) Allyl chloride	2.73	41	103517	18.964	ug/l	95
15) Acrylonitrile	3.14	53	183005	103.839	ug/l	99
16) Acetone	2.44	43	162750	92.194	ug/l	97
17) Carbon Disulfide	2.57	76	143101	17.697	ug/l	100
18) Methyl Acetate	2.77	43	79034	19.339	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	171973	18.968	ug/l	97
20) Methylene Chloride	2.85	84	55998	19.023	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	50409	18.609	ug/l	94
22) Diisopropyl ether	3.85	45	207486	19.408	ug/l #	84
23) Vinyl Acetate	3.81	43	929824	101.447	ug/l	97
24) 1,1-Dichloroethane	3.70	63	104350	18.978	ug/l	98
25) 2-Butanone	4.67	43	265717	101.971	ug/l	97
26) 2,2-Dichloropropane	4.58	77	66403	16.031	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	58020	18.788	ug/l	89
28) Bromochloromethane	5.01	49	47272	19.146	ug/l #	78
29) Tetrahydrofuran	5.13	42	177637	109.048	ug/l	95
30) Chloroform	5.21	83	95063	18.483	ug/l	100
31) Cyclohexane	5.58	56	100840	19.530	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	73825	17.255	ug/l	96
36) 1,1-Dichloropropene	5.80	75	72361	17.157	ug/l	97
37) Ethyl Acetate	4.83	43	102038	20.466	ug/l	98
38) Carbon Tetrachloride	5.79	117	62036	16.508	ug/l	99

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39) Methylcyclohexane	7.46	83	89029	17.541	ug/l	92
40) Benzene	6.14	78	223658	17.917	ug/l	99
41) Methacrylonitrile	5.04	41	54715	19.565	ug/l	97
42) 1,2-Dichloroethane	6.19	62	80301	17.560	ug/l	96
43) Isopropyl Acetate	6.45	43	155943	19.514	ug/l	97
44) Trichloroethene	7.21	130	50300	16.479	ug/l	88
45) 1,2-Dichloropropane	7.51	63	63957	18.302	ug/l	99
46) Dibromomethane	7.66	93	36825	17.405	ug/l #	84
47) Bromodichloromethane	7.90	83	71754	17.795	ug/l	99
48) Methyl methacrylate	7.77	41	78562	18.489	ug/l	94
49) 1,4-Dioxane	7.74	88	30486	406.570	ug/l	91
51) 4-Methyl-2-Pentanone	8.64	43	519264	100.508	ug/l	96
52) Toluene	8.79	92	130876	17.672	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	76523	16.957	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	87707	17.526	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	54271	18.138	ug/l	95
56) Ethyl methacrylate	9.18	69	97648	20.401	ug/l	92
57) 1,3-Dichloropropane	9.37	76	97399	18.401	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	264622	107.939	ug/l	92
59) 2-Hexanone	9.49	43	395010	99.311	ug/l	96
60) Dibromochloromethane	9.58	129	50151	17.440	ug/l	99
61) 1,2-Dibromoethane	9.67	107	56165	17.977	ug/l	99
64) Tetrachloroethene	9.34	164	40773	14.269	ug/l	95
65) Chlorobenzene	10.14	112	131222	16.838	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	46024	16.938	ug/l	98
67) Ethyl Benzene	10.25	91	248981	18.129	ug/l	96
68) m/p-Xylenes	10.36	106	178305	35.344	ug/l	92
69) o-Xylene	10.70	106	86621	17.670	ug/l	93
70) Styrene	10.71	104	149775	18.800	ug/l	96
71) Bromoform	10.85	173	34584	16.732	ug/l #	100
73) Isopropylbenzene	11.02	105	232561	18.370	ug/l	97
74) N-amyl acetate	10.90	43	136498	20.580	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	91116	20.072	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	76468m	19.143	ug/l	
77) Bromobenzene	11.26	156	53570	17.502	ug/l	79
78) n-propylbenzene	11.36	91	271853	18.489	ug/l	95
79) 2-Chlorotoluene	11.42	91	160791	18.220	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	194784	18.624	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	25302	18.117	ug/l	85
82) 4-Chlorotoluene	11.51	91	183754	17.893	ug/l	94
83) tert-Butylbenzene	11.77	119	184887	18.516	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	196545	18.537	ug/l	95
85) sec-Butylbenzene	11.94	105	225351	18.224	ug/l	95
86) p-Isopropyltoluene	12.06	119	200151	18.699	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	93746	17.138	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	95317	16.846	ug/l	96
89) n-Butylbenzene	12.38	91	184485	18.364	ug/l	96
90) Hexachloroethane	12.60	117	31484	17.271	ug/l	79
91) 1,2-Dichlorobenzene	12.39	146	95126	17.247	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19342	19.184	ug/l	75

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	61990	17.063	ug/l	98
94) Hexachlorobutadiene	13.78	225	30920	17.451	ug/l	99
95) Naphthalene	13.83	128	226714	19.772	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	64608	18.073	ug/l	98

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

