

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010550.D
 Acq On : 28 Jun 2019 21:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/1/2019 10:41:07 AM

Quant Time: Jun 29 06:35:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	230542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	351030	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	319665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165573	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	111399	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
35) Dibromofluoromethane	5.50	113	107072	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
50) Toluene-d8	8.71	98	406754	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.13	95	147699	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	70599	44.048	ug/l	98
3) Chloromethane	1.32	50	82737	44.331	ug/l	100
4) Vinyl Chloride	1.41	62	92327	45.165	ug/l	98
5) Bromomethane	1.64	94	49527	49.731	ug/l	100
6) Chloroethane	1.71	64	60541	50.198	ug/l	97
7) Trichlorofluoromethane	1.92	101	160521	49.535	ug/l	100
8) Diethyl Ether	2.19	74	59157	50.904	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	93922	47.827	ug/l	100
10) Methyl Iodide	2.51	142	137629	49.107	ug/l	97
11) Tert butyl alcohol	3.05	59	129597	229.128	ug/l	99
12) 1,1-Dichloroethene	2.37	96	93107	46.593	ug/l	99
13) Acrolein	2.29	56	108453	289.045	ug/l	99
14) Allyl chloride	2.73	41	135272	47.681	ug/l	99
15) Acrylonitrile	3.14	53	291869	260.634	ug/l	99
16) Acetone	2.45	43	241219	222.669	ug/l	100
17) Carbon Disulfide	2.57	76	215619	40.219	ug/l	99
18) Methyl Acetate	2.78	43	114778	53.160	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	317628	50.526	ug/l	99
20) Methylene Chloride	2.85	84	109680	49.197	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	100833	46.917	ug/l	98
22) Diisopropyl ether	3.85	45	302823	51.053	ug/l	97
23) Vinyl Acetate	3.82	43	1307748	255.211	ug/l	100
24) 1,1-Dichloroethane	3.70	63	169291	49.376	ug/l	99
25) 2-Butanone	4.67	43	400411	251.977	ug/l	100
26) 2,2-Dichloropropane	4.59	77	117427	39.426	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	121489	48.917	ug/l	99
28) Bromochloromethane	5.01	49	86835	52.971	ug/l	96
29) Tetrahydrofuran	5.13	42	256458	260.553	ug/l	99
30) Chloroform	5.21	83	183403	49.716	ug/l	97
31) Cyclohexane	5.58	56	147073	47.105	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	160775	49.357	ug/l	100
36) 1,1-Dichloropropene	5.80	75	130537	46.796	ug/l	100
37) Ethyl Acetate	4.84	43	145807	50.809	ug/l	100
38) Carbon Tetrachloride	5.79	117	139426	46.158	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	163929	44.708	ug/l	99
40) Benzene	6.14	78	419618	48.284	ug/l	100
41) Methacrylonitrile	5.04	41	79217	50.311	ug/l	98
42) 1,2-Dichloroethane	6.19	62	134274	50.757	ug/l	100
43) Isopropyl Acetate	6.45	43	239270	50.395	ug/l	99
44) Trichloroethene	7.21	130	125659	48.322	ug/l	98
45) 1,2-Dichloropropane	7.51	63	106032	48.315	ug/l	99
46) Dibromomethane	7.66	93	77246	49.058	ug/l	99
47) Bromodichloromethane	7.90	83	139398	48.308	ug/l	99
48) Methyl methacrylate	7.77	41	114223	51.758	ug/l	99
49) 1,4-Dioxane	7.74	88	64694	1017.610	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	798589	262.992	ug/l	99
52) Toluene	8.78	92	274982	48.048	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	149225	46.126	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	164998	46.932	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	118449	50.184	ug/l	98
56) Ethyl methacrylate	9.18	69	180392	50.452	ug/l	98
57) 1,3-Dichloropropane	9.37	76	183079	49.968	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	422142	248.593	ug/l	100
59) 2-Hexanone	9.49	43	613755	256.814	ug/l	99
60) Dibromochloromethane	9.58	129	126734	47.955	ug/l	99
61) 1,2-Dibromoethane	9.67	107	126554	49.674	ug/l	100
64) Tetrachloroethene	9.34	164	126347	48.867	ug/l	99
65) Chlorobenzene	10.13	112	316594	48.783	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	117295	49.619	ug/l	100
67) Ethyl Benzene	10.25	91	536015	48.923	ug/l	99
68) m/p-Xylenes	10.36	106	414269	97.584	ug/l	99
69) o-Xylene	10.69	106	207265	49.646	ug/l	97
70) Styrene	10.71	104	350463	50.057	ug/l	99
71) Bromoform	10.85	173	97620	47.487	ug/l #	100
73) Isopropylbenzene	11.02	105	544571	48.519	ug/l	98
74) N-amyl acetate	10.90	43	217478	51.271	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	182818	49.184	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	150360m	49.835	ug/l	
77) Bromobenzene	11.26	156	149744	47.780	ug/l	100
78) n-propylbenzene	11.36	91	605921	49.120	ug/l	99
79) 2-Chlorotoluene	11.42	91	354664	48.284	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	451263	48.771	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	53901	41.677	ug/l	93
82) 4-Chlorotoluene	11.51	91	412071	49.300	ug/l	99
83) tert-Butylbenzene	11.77	119	447828	48.222	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	458090	49.278	ug/l	99
85) sec-Butylbenzene	11.94	105	531562	48.750	ug/l	100
86) p-Isopropyltoluene	12.06	119	487037	48.289	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	261643	47.827	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	263383	47.291	ug/l	100
89) n-Butylbenzene	12.38	91	415671	48.501	ug/l	100
90) Hexachloroethane	12.60	117	78849	45.212	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	260062	47.831	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37561	46.869	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	180680	47.919	ug/l	99
94) Hexachlorobutadiene	13.78	225	86325	46.845	ug/l	99
95) Naphthalene	13.83	128	571708	49.340	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	183140	48.852	ug/l	99

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

