

Data File : VX002259.D
Acq On : 04 Jun 2018 13:02
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060418

Manual Integrations
APPROVED

MMDadoda
6/5/2018 5:56:04 PM

Quant Time: Jun 05 05:05:17 2018
Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	332925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	456319	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	438962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	279071	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	223741	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	
35) Dibromofluoromethane	5.51	113	175892	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
50) Toluene-d8	8.72	98	681256	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.14	95	265282	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	183702	53.08	ug/l	98
3) Chloromethane	1.32	50	197905	49.90	ug/l	99
4) Vinyl Chloride	1.41	62	205175	47.04	ug/l	99
5) Bromomethane	1.64	94	132437	53.91	ug/l	98
6) Chloroethane	1.72	64	127017	45.02	ug/l	99
7) Trichlorofluoromethane	1.93	101	329709	49.61	ug/l	100
8) Diethyl Ether	2.19	74	114168	48.26	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	187592	52.31	ug/l	100
10) Methyl Iodide	2.51	142	217541	43.13	ug/l	99
11) Tert butyl alcohol	3.07	59	217869	220.99	ug/l	99
12) 1,1-Dichloroethene	2.37	96	165120	46.59	ug/l	99
13) Acrolein	2.29	56	107272	225.99	ug/l	100
14) Allyl chloride	2.73	41	337248	43.85	ug/l	99
15) Acrylonitrile	3.15	53	466925	229.65	ug/l	100
16) Acetone	2.45	43	496535	241.88	ug/l	99
17) Carbon Disulfide	2.57	76	450330	48.21	ug/l	98
18) Methyl Acetate	2.78	43	223229	46.62	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	594280	48.06	ug/l	98
20) Methylene Chloride	2.86	84	180369	47.79	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	176397	45.13	ug/l	97
22) Diisopropyl ether	3.87	45	628684	48.89	ug/l	96
23) Vinyl Acetate	3.82	43	2761606	221.48	ug/l	100
24) 1,1-Dichloroethane	3.70	63	335367	44.12	ug/l	100
25) 2-Butanone	4.70	43	678032	207.71	ug/l	100
26) 2,2-Dichloropropane	4.59	77	278424	46.85	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	186674	43.92	ug/l	96
28) Bromochloromethane	5.02	49	160842	49.73	ug/l	99
29) Tetrahydrofuran	5.16	42	425010	201.94	ug/l	98
30) Chloroform	5.22	83	323095	44.05	ug/l	98
31) Cyclohexane	5.58	56	304631	50.68	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	297353	47.80	ug/l	99
36) 1,1-Dichloropropene	5.81	75	245105	51.09	ug/l	99
37) Ethyl Acetate	4.86	43	261697	45.36	ug/l	100
38) Carbon Tetrachloride	5.79	117	261956	52.20	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	318687	53.75	ug/l	99
40) Benzene	6.15	78	718384	48.84	ug/l	99
41) Methacrylonitrile	5.06	41	150308	45.51	ug/l	99
42) 1,2-Dichloroethane	6.20	62	274281	46.93	ug/l	100
43) Isopropyl Acetate	6.46	43	456574	46.59	ug/l	100
44) Trichloroethene	7.21	130	210286	51.51	ug/l	98
45) 1,2-Dichloropropane	7.52	63	188639	47.50	ug/l	99
46) Dibromomethane	7.66	93	124638	46.30	ug/l	98
47) Bromodichloromethane	7.90	83	241774	49.66	ug/l	100
48) Methyl methacrylate	7.78	41	231957	47.13	ug/l	99
49) 1,4-Dioxane	7.76	88	85336	927.24	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1406466	230.48	ug/l	100
52) Toluene	8.79	92	470734	50.32	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	298084	51.06	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	284696	51.68	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	183807	47.77	ug/l	99
56) Ethyl methacrylate	9.18	69	291637	47.47	ug/l	99
57) 1,3-Dichloropropane	9.38	76	304529	47.18	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	688707	242.23	ug/l	100
59) 2-Hexanone	9.50	43	1105212	234.48	ug/l	99
60) Dibromochloromethane	9.59	129	201340	52.02	ug/l	99
61) 1,2-Dibromoethane	9.68	107	194514	48.48	ug/l	100
64) Tetrachloroethene	9.34	164	233484	51.57	ug/l	100
65) Chlorobenzene	10.14	112	538062	49.26	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	197223	49.87	ug/l	100
67) Ethyl Benzene	10.26	91	937834	51.31	ug/l	99
68) m/p-Xylenes	10.37	106	729880	102.72	ug/l	99
69) o-Xylene	10.70	106	352828	49.90	ug/l	100
70) Styrene	10.72	104	588767	50.93	ug/l	100
71) Bromoform	10.86	173	159105	45.27	ug/l #	99
73) Isopropylbenzene	11.02	105	973161	50.13	ug/l	100
74) N-amyl acetate	6.46	43	456574	43.65	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	268588	43.99	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	277032m	45.24	ug/l	
77) Bromobenzene	11.26	156	257378	47.22	ug/l	100
78) n-propylbenzene	11.37	91	1128325	52.29	ug/l	99
79) 2-Chlorotoluene	11.43	91	654767	48.06	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	832005	49.97	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	85315	48.84	ug/l	99
82) 4-Chlorotoluene	11.52	91	785539	49.95	ug/l	100
83) tert-Butylbenzene	11.77	119	808260	49.85	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	857631	50.03	ug/l	100
85) sec-Butylbenzene	11.95	105	1018669	53.59	ug/l	99
86) p-Isopropyltoluene	12.07	119	928154	53.60	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	484131	49.68	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	493966	49.18	ug/l	99
89) n-Butylbenzene	12.39	91	827863	57.01	ug/l	99
90) Hexachloroethane	12.60	117	145070	52.49	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	478067	47.41	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	64484	48.29	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060418\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	373528	52.83	ug/l	99
94) Hexachlorobutadiene	13.79	225	206863	59.21	ug/l	98
95) Naphthalene	13.84	128	989200	48.70	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	369135	51.20	ug/l	100

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

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