

Data File : VX004726.D
Acq On : 26 Sep 2018 13:47
Operator : JC/MD
Sample : VSTDIC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

apatel
10/3/2018 8:26:45 AM

Quant Time: Oct 04 04:08:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 03:47:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	305681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	377775	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	362054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	243861	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	586606	134.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	268.68%	
35) Dibromofluoromethane	5.50	113	488502	152.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.16%	
50) Toluene-d8	8.72	98	1631739	153.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	306.60%	
62) 4-Bromofluorobenzene	11.14	95	658600	171.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	343.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	651332	156.275	ug/l	99
3) Chloromethane	1.32	50	758174	149.937	ug/l	96
4) Vinyl Chloride	1.40	62	718715	151.543	ug/l	97
5) Bromomethane	1.64	94	384442	136.699	ug/l	95
7) Trichlorofluoromethane	1.91	101	800209	136.291	ug/l	95
8) Diethyl Ether	2.19	74	361915	141.890	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	476784	142.559	ug/l	97
10) Methyl Iodide	2.50	142	655704	146.512	ug/l	94
11) Tert butyl alcohol	3.11	59	934164	765.107	ug/l	97
12) 1,1-Dichloroethene	2.36	96	449519	135.717	ug/l	91
13) Acrolein	2.29	56	616343	709.495	ug/l	99
14) Allyl chloride	2.72	41	1007434	139.402	ug/l	98
15) Acrylonitrile	3.16	53	1826714	679.633	ug/l	94
16) Acetone	2.46	43	1587510	622.714	ug/l	90
17) Carbon Disulfide	2.56	76	1490941	149.804	ug/l #	94
18) Methyl Acetate	2.78	43	837367	129.643	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	1725918	151.068	ug/l	95
20) Methylene Chloride	2.85	84	563241	153.696	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	490402	135.255	ug/l #	83
22) Diisopropyl ether	3.88	45	1798310	147.774	ug/l	96
23) Vinyl Acetate	3.82	43	8318400	746.759	ug/l	99
24) 1,1-Dichloroethane	3.68	63	1017971	140.232	ug/l	99
25) 2-Butanone	4.72	43	2713796	722.176	ug/l	91
26) 2,2-Dichloropropane	4.57	77	763466	151.033	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	569680	140.646	ug/l	89
28) Bromochloromethane	5.02	49	469761	137.420	ug/l	99
29) Tetrahydrofuran	5.17	42	1715270	734.400	ug/l	97
30) Chloroform	5.22	83	903085	131.633	ug/l	97
31) Cyclohexane	5.57	56	891647	160.485	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	808324	144.268	ug/l	95
36) 1,1-Dichloropropene	5.80	75	713388	163.310	ug/l	93
37) Ethyl Acetate	4.87	43	923933	159.340	ug/l	96
38) Carbon Tetrachloride	5.78	117	682834	148.705	ug/l #	88
39) Methylcyclohexane	7.46	83	783511	175.655	ug/l #	82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.15	78	2221371	162.431	ug/l #	89
41) Methacrylonitrile	5.07	41	545999	169.791	ug/l	99
42) 1,2-Dichloroethane	6.20	62	739673	152.998	ug/l	99
43) Isopropyl Acetate	6.46	43	1497987	178.987	ug/l	97
44) Trichloroethene	7.21	130	506909	150.779	ug/l	97
45) 1,2-Dichloropropane	7.52	63	511256	152.444	ug/l	99
46) Dibromomethane	7.66	93	326867	155.083	ug/l	100
47) Bromodichloromethane	7.90	83	641908	162.667	ug/l	99
48) Methyl methacrylate	7.78	41	678505	178.616	ug/l	100
49) 1,4-Dioxane	7.76	88	310868	3294.006	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	4643216	881.123	ug/l	98
52) Toluene	8.79	92	1187531	158.029	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	767159	172.035	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	803100	171.941	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	494995	150.379	ug/l	96
56) Ethyl methacrylate	9.18	69	855481	153.853	ug/l	97
57) 1,3-Dichloropropane	9.37	76	827915	151.124	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	2247096	761.390	ug/l	99
59) 2-Hexanone	9.51	43	3833978	873.084	ug/l	96
60) Dibromochloromethane	9.59	129	541011	164.346	ug/l	99
61) 1,2-Dibromoethane	9.68	107	526689	149.407	ug/l	96
64) Tetrachloroethene	9.34	164	478526	134.289	ug/l	96
65) Chlorobenzene	10.14	112	1358967	146.376	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	500087	153.218	ug/l	99
67) Ethyl Benzene	10.26	91	2349057	159.370	ug/l	96
68) m/p-Xylenes	10.36	106	1830135	317.741	ug/l	97
69) o-Xylene	10.70	106	896678	169.492	ug/l	99
70) Styrene	10.71	104	1543756	151.481	ug/l	100
71) Bromoform	10.86	173	499545	178.773	ug/l	97
73) Isopropylbenzene	11.02	105	2365949	153.924	ug/l	99
74) N-amyl acetate	10.90	43	1310336	151.423	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	922151	147.379	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	713660m	130.568	ug/l	
77) Bromobenzene	11.26	156	662068	148.293	ug/l	99
78) n-propylbenzene	11.37	91	2811881	159.437	ug/l	99
79) 2-Chlorotoluene	11.43	91	1700509	154.690	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	2092745	148.939	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	314784	152.817	ug/l	94
82) 4-Chlorotoluene	11.51	91	2022225	156.286	ug/l	100
83) tert-Butylbenzene	11.77	119	2075784	164.024	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	2156172	148.800	ug/l	100
85) sec-Butylbenzene	11.95	105	2443969	158.548	ug/l	100
86) p-Isopropyltoluene	12.07	119	2235098	160.042	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	1253741	150.388	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1276902	148.375	ug/l	100
89) n-Butylbenzene	12.39	91	2098868	165.480	ug/l	98
90) Hexachloroethane	12.60	117	381609	164.114	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	1286901	147.713	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	214097	155.839	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	986952	161.492	ug/l	100

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Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	460162	145.202	ug/l	99
95) Naphthalene	13.83	128	3055165	149.169	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	986226	156.216	ug/l	99

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

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