

Data File : VX002485.D
Acq On : 13 Jun 2018 00:24
Operator : JC/MD
Sample : VX0612WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Manual Integrations
APPROVED

MMDadoda
6/13/2018 1:59:40 PM

Quant Time: Jun 13 03:43:31 2018
Quant Method : Z:\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	194982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	290030	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	276117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	171802	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	135808	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	5.51	113	102603	44.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.98%	
50) Toluene-d8	8.72	98	381863	43.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.36%	
62) 4-Bromofluorobenzene	11.14	95	143920	42.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	38125	18.809	ug/l	99
3) Chloromethane	1.32	50	45256	17.627	ug/l	100
4) Vinyl Chloride	1.40	62	51345	20.100	ug/l	99
5) Bromomethane	1.64	94	30551	19.069	ug/l	100
6) Chloroethane	1.73	64	35306	21.366	ug/l	99
7) Trichlorofluoromethane	1.93	101	88891	22.838	ug/l	95
8) Diethyl Ether	2.19	74	33477	22.906	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50174	23.888	ug/l	98
10) Methyl Iodide	2.51	142	49630	16.799	ug/l	99
11) Tert butyl alcohol	3.07	59	73872	118.894	ug/l	98
12) 1,1-Dichloroethene	2.37	96	43578	20.994	ug/l	98
13) Acrolein	2.30	56	24418	81.629	ug/l	98
14) Allyl chloride	2.73	41	87282	19.376	ug/l	99
15) Acrylonitrile	3.15	53	149105	120.637	ug/l	99
16) Acetone	2.45	43	143691	109.016	ug/l	99
17) Carbon Disulfide	2.57	76	92679	16.941	ug/l	100
18) Methyl Acetate	2.78	43	72319	24.514	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	176114	23.077	ug/l	99
20) Methylene Chloride	2.86	84	52923	22.485	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	46816	20.452	ug/l	95
22) Diisopropyl ether	3.87	45	156878	19.953	ug/l	92
23) Vinyl Acetate	3.83	43	665351	91.113	ug/l	99
24) 1,1-Dichloroethane	3.70	63	91937	20.650	ug/l	99
25) 2-Butanone	4.71	43	184425	96.467	ug/l	97
26) 2,2-Dichloropropane	4.59	77	47193	13.560	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	47101	18.921	ug/l	96
28) Bromochloromethane	5.03	49	41567	19.802	ug/l	100
29) Tetrahydrofuran	5.17	42	121486	98.560	ug/l	100
30) Chloroform	5.22	83	84553	19.681	ug/l	97
31) Cyclohexane	5.58	56	66842	18.986	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	70010	19.215	ug/l	98
36) 1,1-Dichloropropene	5.81	75	56967	18.684	ug/l	99
37) Ethyl Acetate	4.87	43	71404	19.473	ug/l	99
38) Carbon Tetrachloride	5.79	117	59863	18.767	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65807	17.640	ug/l	96
40) Benzene	6.15	78	177513	18.988	ug/l	100
41) Methacrylonitrile	5.07	41	41208	19.631	ug/l	99
42) 1,2-Dichloroethane	6.20	62	72877	19.620	ug/l	99
43) Isopropyl Acetate	6.47	43	116450	18.697	ug/l	100
44) Trichloroethene	7.22	130	49702	19.155	ug/l	99
45) 1,2-Dichloropropane	7.53	63	47940	18.995	ug/l	98
46) Dibromomethane	7.67	93	33018	19.298	ug/l	98
47) Bromodichloromethane	7.90	83	56425	18.235	ug/l	97
48) Methyl methacrylate	7.78	41	59489	19.015	ug/l	98
49) 1,4-Dioxane	7.76	88	24619	420.877	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	396336	102.187	ug/l	99
52) Toluene	8.79	92	114389	19.238	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	66285	17.863	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	59382	16.961	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	49745	20.341	ug/l	99
56) Ethyl methacrylate	9.18	69	71993	18.439	ug/l	99
57) 1,3-Dichloropropane	9.38	76	80941	19.729	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	184222	101.943	ug/l	99
59) 2-Hexanone	9.50	43	301333	100.585	ug/l	99
60) Dibromochloromethane	9.59	129	45760	18.603	ug/l	99
61) 1,2-Dibromoethane	9.68	107	50138	19.663	ug/l	100
64) Tetrachloroethene	9.34	164	55381	19.448	ug/l	98
65) Chlorobenzene	10.14	112	133304	19.402	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	47085	18.927	ug/l	99
67) Ethyl Benzene	10.26	91	225208	19.587	ug/l	97
68) m/p-Xylenes	10.36	106	171871	38.454	ug/l	100
69) o-Xylene	10.70	106	84872	19.081	ug/l	99
70) Styrene	10.71	104	141557	19.468	ug/l	99
71) Bromoform	10.86	173	32590	17.073	ug/l #	100
73) Isopropylbenzene	11.02	105	230581	19.293	ug/l	100
74) N-amyl acetate	6.47	43	116450	18.083	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	74537	19.830	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	71720m	19.025	ug/l	
77) Bromobenzene	11.26	156	63862	19.034	ug/l	98
78) n-propylbenzene	11.37	91	263048	19.802	ug/l	99
79) 2-Chlorotoluene	11.43	91	156384	18.644	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	193246	18.852	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	14821	13.781	ug/l #	83
82) 4-Chlorotoluene	11.51	91	183966	19.002	ug/l	99
83) tert-Butylbenzene	11.77	119	192787	19.313	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	202314	19.173	ug/l	99
85) sec-Butylbenzene	11.95	105	238211	20.356	ug/l	99
86) p-Isopropyltoluene	12.07	119	209690	19.672	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	114668	19.114	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	116822	18.892	ug/l	99
89) n-Butylbenzene	12.39	91	178707	19.990	ug/l	99
90) Hexachloroethane	12.60	117	29101	17.103	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	119503	19.253	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14980	18.224	ug/l	98

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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	83173	19.110	ug/l	100
94) Hexachlorobutadiene	13.79	225	44019	20.467	ug/l	99
95) Naphthalene	13.84	128	241371	19.302	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	86123	19.403	ug/l	99

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

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