Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011620\
Data File : VN059721.D
Acq On : 16 Jan 2020 10:10
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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1/17/2020 1:52:50 PM

Quant Time: Jan 17 06:47:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 14 08:58:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	210693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	317990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	289042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143169	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	108753	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.96%		
35) Dibromofluoromethane	7.56	113	93468	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.58%		
50) Toluene-d8	10.08	98	359664	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.90%		
62) 4-Bromofluorobenzene	12.40	95	129233	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.58%		

Target Compounds	R.T.	QIon	Response	Conc	Units		Qvalue
2) Dichlorodifluoromethane	1.83	85	116146	46.722	ug/l		98
3) Chloromethane	2.04	50	105700	43.820	ug/l		97
4) Vinyl Chloride	2.17	62	130894	47.427	ug/l		97
5) Bromomethane	2.54	94	78163	46.407	ug/l		99
6) Chloroethane	2.68	64	58864	45.081	ug/l		95
7) Trichlorofluoromethane	3.00	101	155756	46.992	ug/l		99
8) Diethyl Ether	3.38	74	54123	46.529	ug/l		84
9) 1,1,2-Trichlorotrifluoroet	3.74	101	88983	48.236	ug/l		91
10) Methyl Iodide	3.93	142	136021	45.617	ug/l		95
11) Tert butyl alcohol	4.72	59	83224	211.286	ug/l		98
12) 1,1-Dichloroethene	3.72	96	87781	45.539	ug/l		89
13) Acrolein	3.58	56	38090	136.607	ug/l		99
14) Allyl chloride	4.29	41	118466	45.595	ug/l	#	89
15) Acrylonitrile	4.94	53	202314	225.168	ug/l		99
16) Acetone	3.78	43	190803	238.635	ug/l		96
17) Carbon Disulfide	4.03	76	244303	44.490	ug/l		100
18) Methyl Acetate	4.28	43	119385	43.682	ug/l		92
19) Methyl tert-butyl Ether	5.00	73	288712	45.938	ug/l		95
20) Methylene Chloride	4.52	84	96319	45.381	ug/l		88
21) trans-1,2-Dichloroethene	5.01	96	93230	45.500	ug/l		89
22) Diisopropyl ether	5.91	45	270009	45.857	ug/l	#	97
23) Vinyl Acetate	5.86	43	1042867	228.762	ug/l	#	93
24) 1,1-Dichloroethane	5.81	63	164051	45.599	ug/l		98
25) 2-Butanone	6.80	43	281513	212.460	ug/l	#	90
26) 2,2-Dichloropropane	6.80	77	155851	45.060	ug/l		95
27) cis-1,2-Dichloroethene	6.80	96	109502	46.463	ug/l		87
28) Bromochloromethane	7.17	49	71633	49.816	ug/l	#	73
29) Tetrahydrofuran	7.18	42	170577	208.068	ug/l		87
30) Chloroform	7.35	83	174522	46.818	ug/l		99
31) Cyclohexane	7.63	56	148835	42.992	ug/l		90
32) 1,1,1-Trichloroethane	7.54	97	159311	46.222	ug/l		95
36) 1,1-Dichloropropene	7.77	75	129984	46.940	ug/l		95
37) Ethyl Acetate	6.90	43	111020	42.745	ug/l		96
38) Carbon Tetrachloride	7.75	117	143621	47.678	ug/l		100

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	9.06	83	164155	48.076 ug/l	92
40) Benzene	8.02	78	386110	46.752 ug/l	100
41) Methacrylonitrile	7.15	41	58441m	45.682 ug/l	
42) 1,2-Dichloroethane	8.10	62	129509	46.251 ug/l	96
43) Isopropyl Acetate	8.14	43	195425	43.745 ug/l #	93
44) Trichloroethene	8.82	130	111289	49.362 ug/l	91
45) 1,2-Dichloropropane	9.10	63	97575	47.746 ug/l	98
46) Dibromomethane	9.19	93	68451	47.483 ug/l	91
47) Bromodichloromethane	9.39	83	140299	48.295 ug/l	98
48) Methyl methacrylate	9.18	41	88613	44.346 ug/l	89
49) 1,4-Dioxane	9.18	88	34224	935.578 ug/l	91
51) 4-Methyl-2-Pentanone	9.97	43	563270	218.115 ug/l	95
52) Toluene	10.14	92	250279	47.978 ug/l	99
53) t-1,3-Dichloropropene	10.37	75	154748	47.707 ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	164806	48.288 ug/l	92
55) 1,1,2-Trichloroethane	10.55	97	97794	47.334 ug/l	96
56) Ethyl methacrylate	10.42	69	146170	46.301 ug/l	90
57) 1,3-Dichloropropane	10.70	76	158567	48.342 ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	152858	160.754 ug/l	91
59) 2-Hexanone	10.74	43	423522	222.614 ug/l	94
60) Dibromochloromethane	10.89	129	114472	48.655 ug/l	99
61) 1,2-Dibromoethane	10.99	107	103366	47.734 ug/l	99
64) Tetrachloroethene	10.62	164	104168	44.219 ug/l	95
65) Chlorobenzene	11.43	112	271137	47.725 ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	105499	48.059 ug/l	99
67) Ethyl Benzene	11.50	91	490533	47.563 ug/l	98
68) m/p-Xylenes	11.62	106	376167	96.559 ug/l	93
69) o-Xylene	11.94	106	179746	47.129 ug/l	95
70) Styrene	11.96	104	306050	47.955 ug/l	97
71) Bromoform	12.12	173	86887	49.412 ug/l #	98
73) Isopropylbenzene	12.25	105	487537	46.432 ug/l	99
74) N-amyl acetate	12.06	43	175598	43.099 ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	135706	44.583 ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	121295m	50.343 ug/l	
77) Bromobenzene	12.52	156	125572	47.225 ug/l	79
78) n-propylbenzene	12.59	91	553590	46.974 ug/l	97
79) 2-Chlorotoluene	12.67	91	318342	45.406 ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	409855	46.414 ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	50276	44.811 ug/l	92
82) 4-Chlorotoluene	12.77	91	328821	46.760 ug/l	95
83) tert-Butylbenzene	12.99	119	353267	46.256 ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	411365	47.088 ug/l	98
85) sec-Butylbenzene	13.17	105	473137	47.153 ug/l	98
86) p-Isopropyltoluene	13.28	119	437509	47.122 ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	222458	48.164 ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	220483	47.851 ug/l	97
89) n-Butylbenzene	13.61	91	382809	48.357 ug/l	98
90) Hexachloroethane	13.87	117	81601	46.974 ug/l	87
91) 1,2-Dichlorobenzene	13.65	146	215690	47.236 ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29456	44.871 ug/l	79

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	135931	49.542 ug/l	99
94) Hexachlorobutadiene	15.01	225	72758	48.121 ug/l	99
95) Naphthalene	15.13	128	358810	45.976 ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	128296	48.039 ug/l	99

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

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